



MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Sunshine Windows Manufacturing, Inc.

1745 W. 33rd Place

Hialeah, FL 33012

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "2011" Aluminum French Door w/wo Reinforced Sidelites-L.M.I.

APPROVAL DOCUMENT: Drawing No: **FD01-15**, titled "Series 2011 Aluminum French Door w/ Sidelites (L.M.I.)", sheets 1 through 26 of 26, prepared by manufacturer, dated 05/17/16 and last revised on 07-27-16, signed and sealed by Francisco Hernandez, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitations:

1. See Sheet **6** for Design Pressures based on cluster anchors at Head or sill in Conc. / Metal **or** Wood substrates per sheet **5** and sheet **4**, applicable to all configurations in sheets **2** and **3**.
2. Full length steel reinforcement (item #32) required at sidelites, when door is used w/mullion (item #13).
3. Flush bolt locking option require interior top/bottom Flush bolts at active and inactive door leaf. The Regent 3-point Mortise lock w/deadbolt mechanism option to be at active door leaf.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

MIAMI-DADE COUNTY
APPROVED

NOA No. 15-0929.11

Expiration Date: September 01, 2021

Approval Date: September 01, 2016

Page 1

8/23/16

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections
2. Drawing No: **FD01-15**, titled "Series 2011 Aluminum French Door w/ Sidelites (L.M.I.)", sheets 1 through 26 of 26, prepared by manufacturer, dated 05/17/16 and last revised on 07-27-16, signed and sealed by Francisco Hernandez, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagrams of OXXO Alum French doors w/Sidelites, prepared by Fenestration Testing Lab, Inc., Test Report No. **FTL-7832** dated 08/19/15, signed and sealed by Idalmis Ortega, P. E.

Note: This test report has an addendum letter dated June 09, 2016, issued by Fenestration Testing lab.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 2014, dated 09/02/15, prepared, signed and sealed by Francisco Hernandez, P.E.
2. Glazing complies w/ ASTM E-1300-02, -04 & -09.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

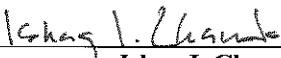
1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co.) for the "**SentryGlas® (Clear and White) Glass Interlayers**", expiring on 07/04/18.

F. STATEMENTS

1. Statement letter of conformance to FBC 2014(**5th Edition**) and letter of no financial interest, both dated SEP 20, 2015, prepared, signed and sealed by Francisco Hernandez, P.E.
2. Lab compliance as part of the above referenced test report.

G. OTHER

1. Test proposal dated 08/04/14, approved by Jaime D. Gascon, P.E.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 15-0929.11
Expiration Date: September 01, 2021
Approval Date: September 01, 2016

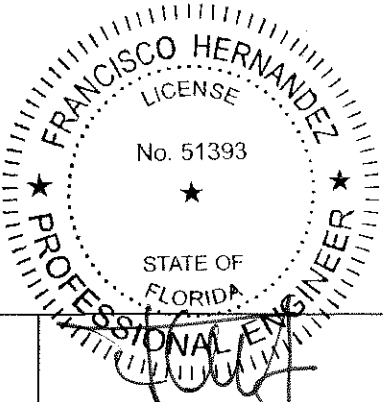
GENERAL NOTES:

- 1.- THIS PRODUCT MEETS THE REQUIREMENTS OF FBC 5TH EDITION (2014).
- 2.- SHUTTERS ARE NOT REQUIRED.
- 3.- REFERENCE TEST REPORT FTL-7832 DATED ON 08/19/2015.
- 4.- FOR INSTALLATION REFER TO ANCHOR DISTRIBUTION ELEVATIONS ON SHEET 4 OF 26, CLUSTERS DETAILS ON SHEET 5 OF 26 AND TYPICAL SECTIONS ON SHEETS 17 THRU 26.
- 5.- WOOD BUCKS NOT INCLUDED IN THE SCOPE OF THIS PRODUCT APPROVAL SHALL BE PROPERLY ANCHORED AND SEALED TO SUSTAIN AND TRANSFER THE LOADS IMPOSED BY THE GLAZING SYSTEM TO THE STRUCTURE AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.
- 6.- WOOD HOST STRUCTURE NOT INCLUDED IN THE SCOPE OF THIS PRODUCT APPROVAL SHALL BE SOUTHERN YELLOW PINE G = 0.55 OR GREATER DENSITY AND SHALL BE APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.
- 7.- CONCRETE (AT HEAD AND THRESHOLD) / FILLED MASONRY STRUCTURE (AT JAMBS) FOR UNIT ATTACHMENT SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
 - CONCRETE STRENGTH $F_c'28 = 3515$ PSI MIN.
 - CMU AS PER ASTM C90. CMU MUST BE 8-INCH THICK, NORMAL WEIGHT BLOCKS WITH A MINIMUM COMPRESSIVE STRENGTH OF 1.9 KSI.
 - FILLED CMU $F_m' = 2000$ PSI MIN.
- 8.- STEEL HOST STRUCTURE NOT INCLUDED IN THE SCOPE OF THIS PRODUCT APPROVAL SHALL NOT BE LESS THAN 1/8" THICK. STEEL SHALL BE $F_y = 36$ KSI MIN. STEEL STRUCTURE SHALL BE APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.
- 9.- ALUMINUM HOST STRUCTURE NOT INCLUDED IN THE SCOPE OF THIS PRODUCT APPROVAL. THE THICKNESS OF THE ALUMINUM HOST STRUCTURE SHALL NOT BE LESS THAN 1/8". ALUMINUM SHALL BE 6063-T6 AND SHALL BE APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.
- 10.- ALUMINUM IN CONTACT WITH DISSIMILAR MATERIALS SHALL BE PROTECTED (BY OTHERS) AS SPECIFIED IN FBC 5TH EDITION (2014).
- 11.- DOORS SHALL COMPLY WITH EGRESS REQUIREMENTS OF FBC 5TH EDITION (2014) AS APPLICABLE.
- 12.- COLONIAL FALSE MUNTINS CAN BE SURFACE APPLIED.
- 13.- SEE CORNERS DETAILS ON SHEET 26 OF 26.
- 14.- FOR 1/4" SHIM SPACE AT THRESHOLD USE NON-SHRINK, NON-METALLIC HYDRAULIC CEMENT GROUT PER ASTM C1107/C1107M STANDARD SPECIFICATION FOR PACKAGED DRY.

INDEX OF DRAWINGS:

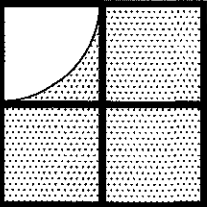
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- 5 OF 26 .- CLUSTER DETAILS.
- 6 OF 26 .- DESIGN PRESSURES CHARTS.
- 7 OF 26 .- VERTICAL SECTIONS A, B, C AND D.
- 8 OF 26 .- VERTICAL SECTIONS C AND D1.
- 9 OF 26 .- HORIZONTAL SECTIONS E AND F.
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- 22 OF 26 .- SIDELITE JAMB INSTALLATION DETAILS.
- 23 OF 26 .- DOOR FRAME STANDARD THRESHOLD INSTALLATION DETAILS.
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- 25 OF 26 .- SIDELITE SILL INSTALLATION DETAILS.
- 26 OF 26 .- CORNERS DETAILS.

Approved as complying with the
Florida Building Code
Date SEP 01, 2016
NOA# 15-0929-11
Miami Dade Product Control
By Isang J. Chang



GENERAL NOTES AND INDEX OF DRAWINGS

THIS PRODUCT IS IMPACT RESISTANT
SHUTTERS ARE NOT REQUIRED



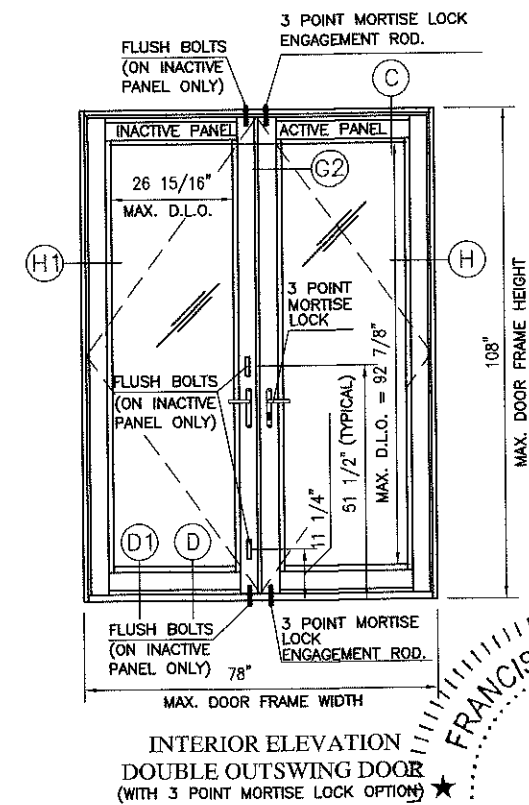
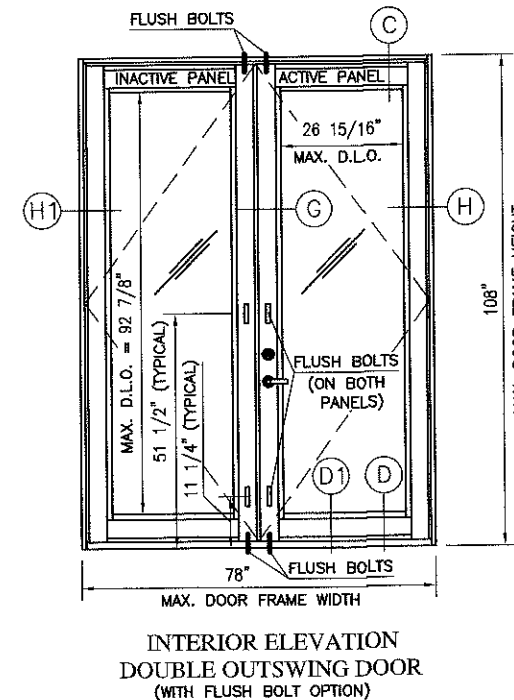
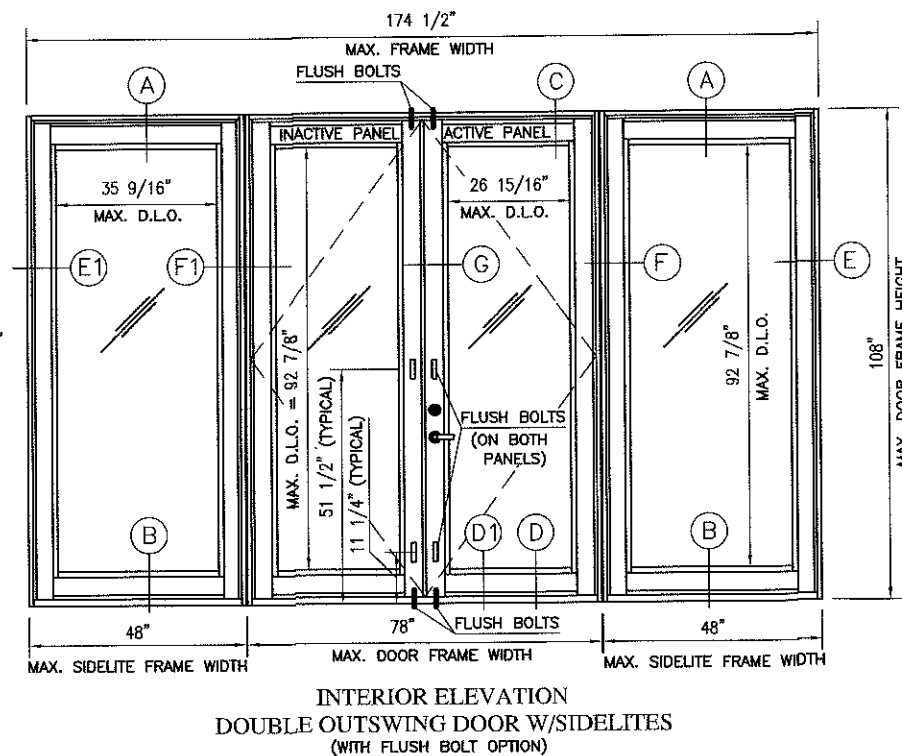
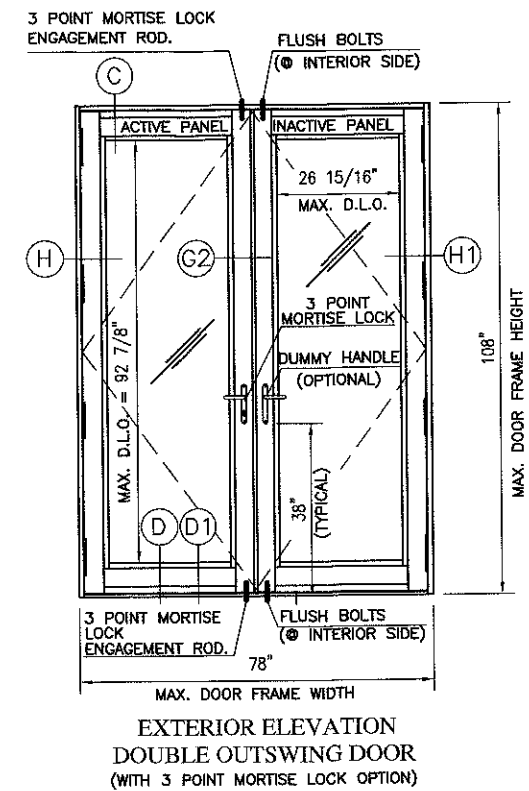
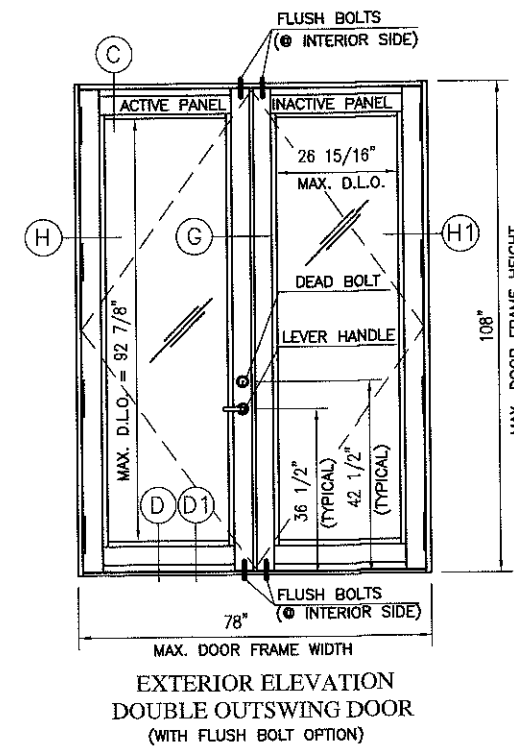
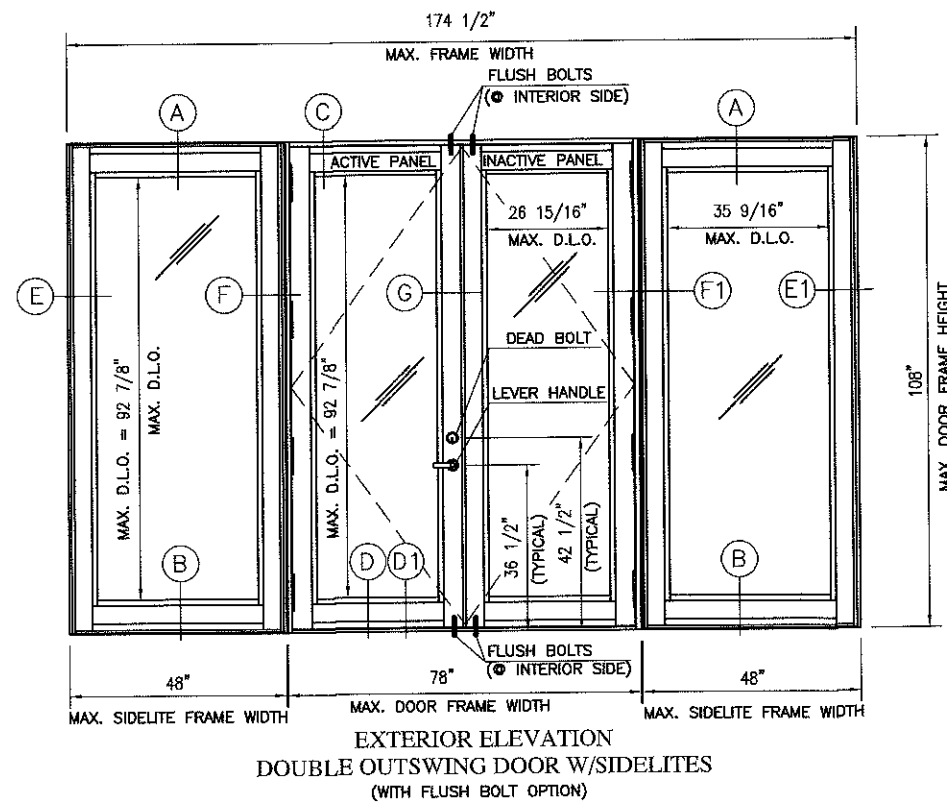
Sunshine Windows
Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)364-9952
Fax:(305)828-5118

SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT

REVISION					
DATE					

DRAWING No.
FD01-15
DATE: 05/17/16
SCALE: N.T.S.
SHEET 1 OF 26

7-27-16
FRANCISCO HERNANDEZ
FLORIDA PE # 51393



D.L.O.

D.L.O. HEIGHT = FRAME HEIGHT - 15 1/8"

$$\text{D.L.O. WIDTH (PANEL)} = \text{PANEL WIDTH} - 11 \frac{1}{2}"$$

D.L.O. WIDTH (SIDELITE) = MAX. SIDELITE FRAME WIDTH - 13 1/8"

THIS PRODUCT IS IMPACT RESISTANT
SHUTTERS ARE NOT REQUIRED

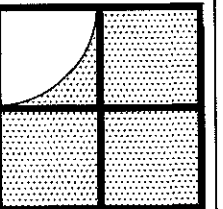
DOUBLE OUTSWING DOOR ELEVATIONS

Approved as complying with the
Florida Building Code

Date 9/17/16
NOA# 15-0929-11
Miami Dade Product Control

By Isaac L. Clarke

FRANCISCO HERNANDEZ
FLORIDA PE # 51393



Sunshine Windows
Manufacturing, Inc.

1745 W. 33rd Place
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Ph: (305)364-9952
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FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT**

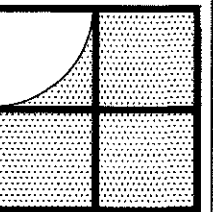
No.	DATE	REVISION
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DRAWING No.
EQ-1-15

DATE: 05/17/16

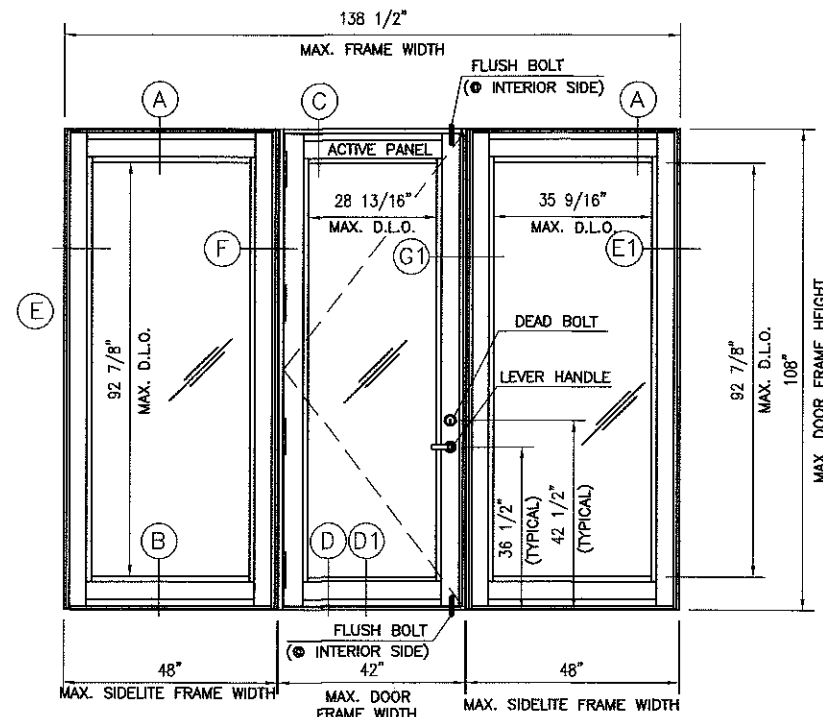
SCALE: N.T.S.

SHEET 2 OF 26

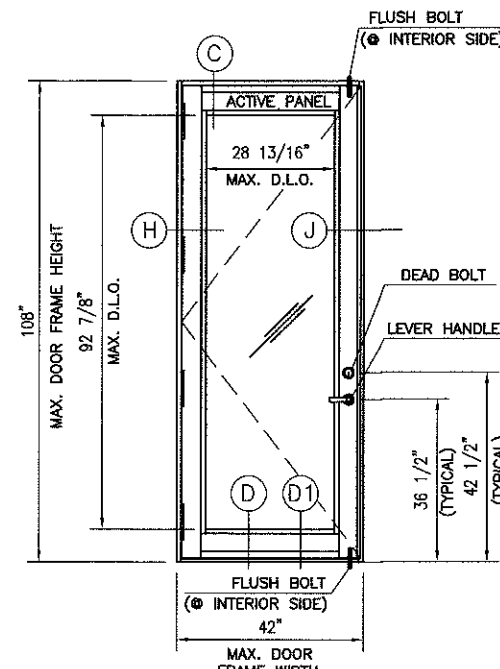


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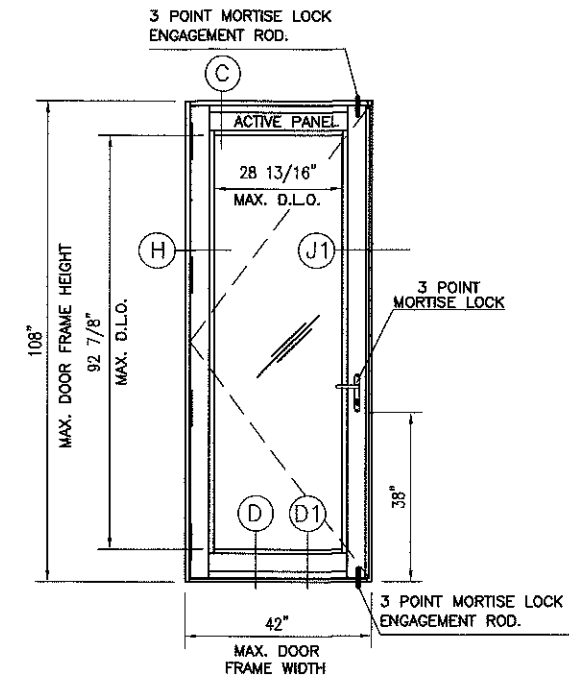
SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT



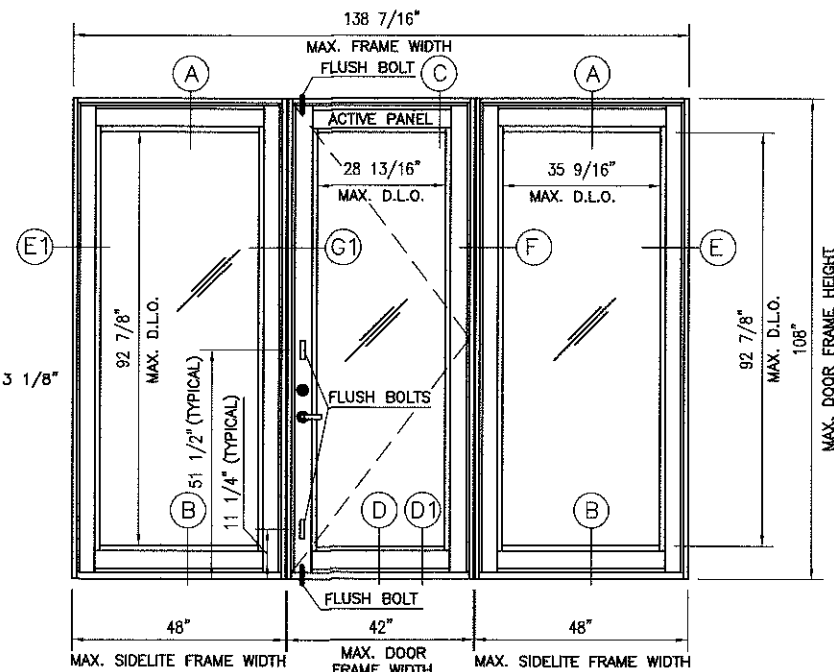
EXTERIOR ELEVATION
SINGLE OUTSWING DOOR W/SIDELITES
(WITH FLUSH BOLT OPTION)



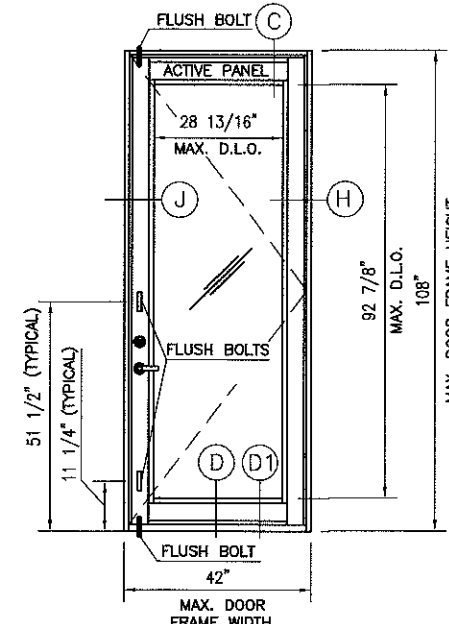
EXTERIOR ELEVATION
SINGLE OUTSWING DOOR
(WITH FLUSH BOLT OPTION)



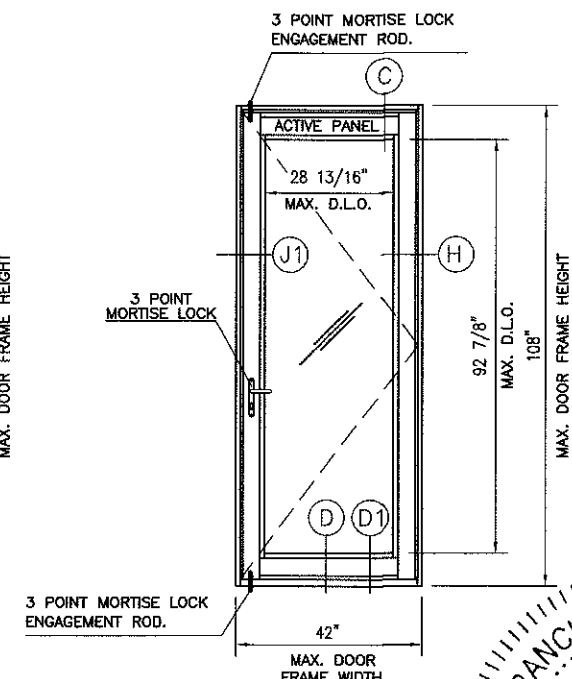
EXTERIOR ELEVATION
SINGLE OUTSWING DOOR
(WITH 3 POINT MORTISE LOCK OPTION)



INTERIOR ELEVATION
SINGLE OUTSWING DOOR W/SIDELITES
(WITH FLUSH BOLT OPTION)



INTERIOR ELEVATION
SINGLE OUTSWING DOOR
(WITH FLUSH BOLT OPTION)



INTERIOR ELEVATION
SINGLE OUTSWING DOOR
(WITH 3 POINT MORTISE LOCK OPTION)

D.L.O.

D.L.O. HEIGHT = FRAME HEIGHT - 15 1/8"

D.L.O. WIDTH (PANEL) = PANEL WIDTH - 11 1/2"

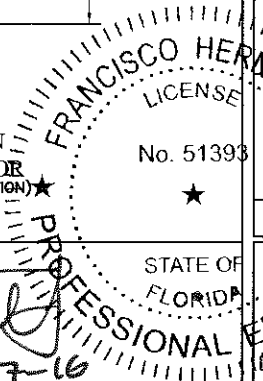
D.L.O. WIDTH (SIDELITE) = MAX. SIDELITE FRAME WIDTH - 13 1/8"

THIS PRODUCT IS IMPACT RESISTANT
SHUTTERS ARE NOT REQUIRED

SINGLE OUTSWING DOOR
ELEVATIONS

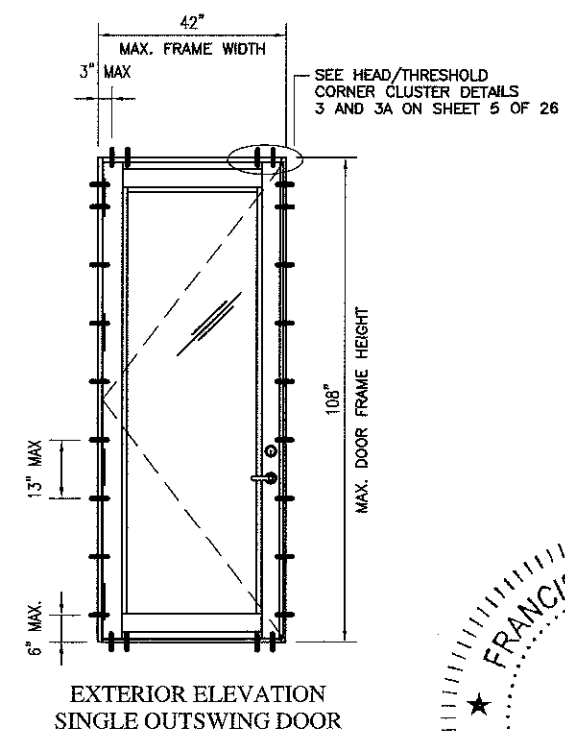
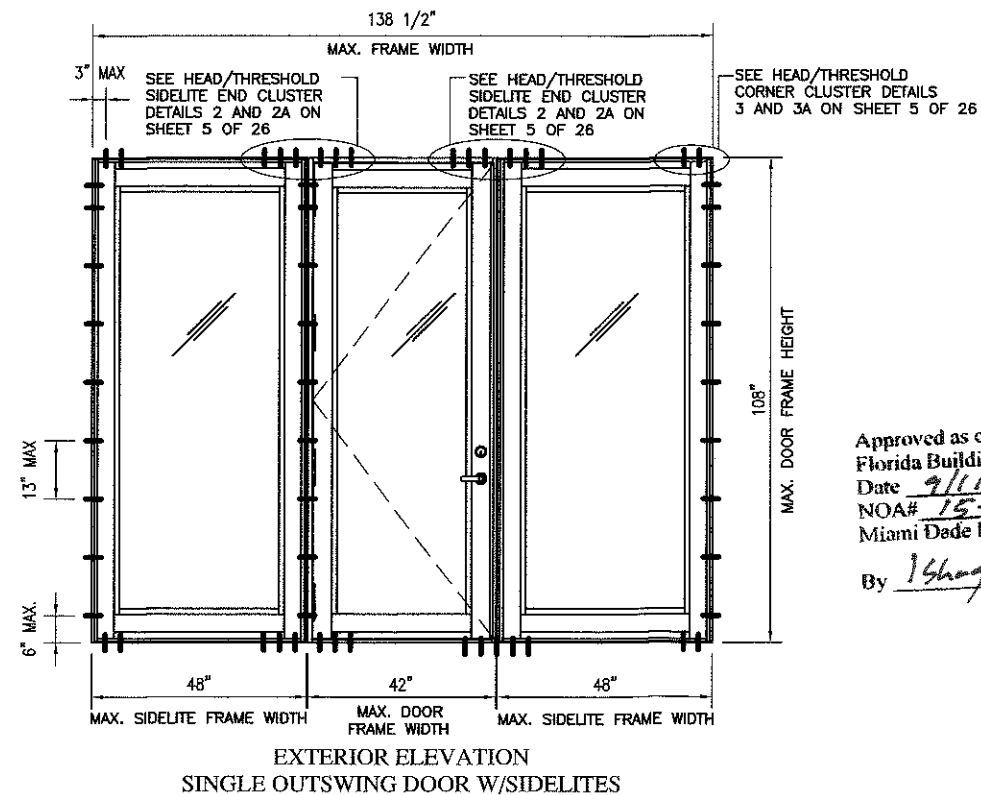
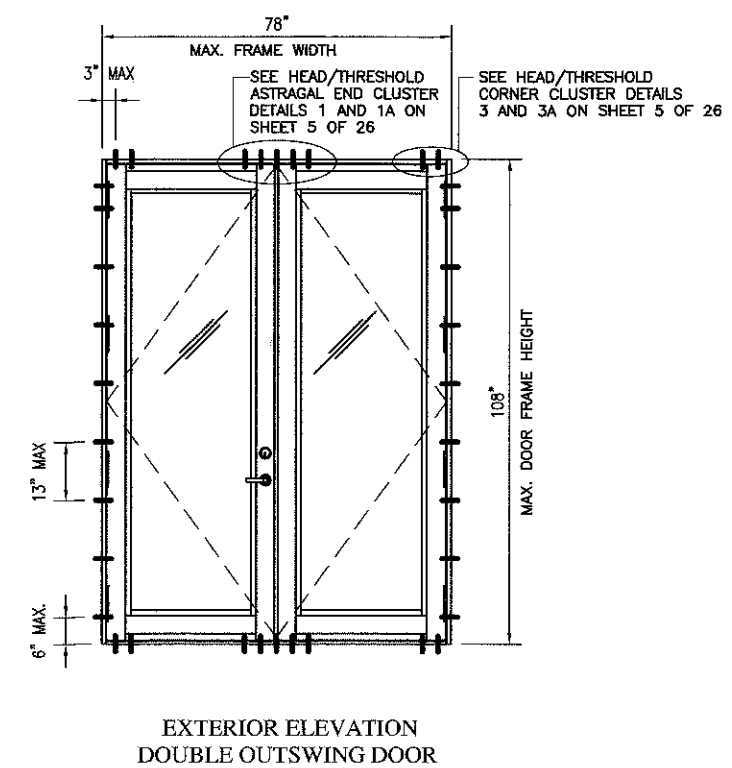
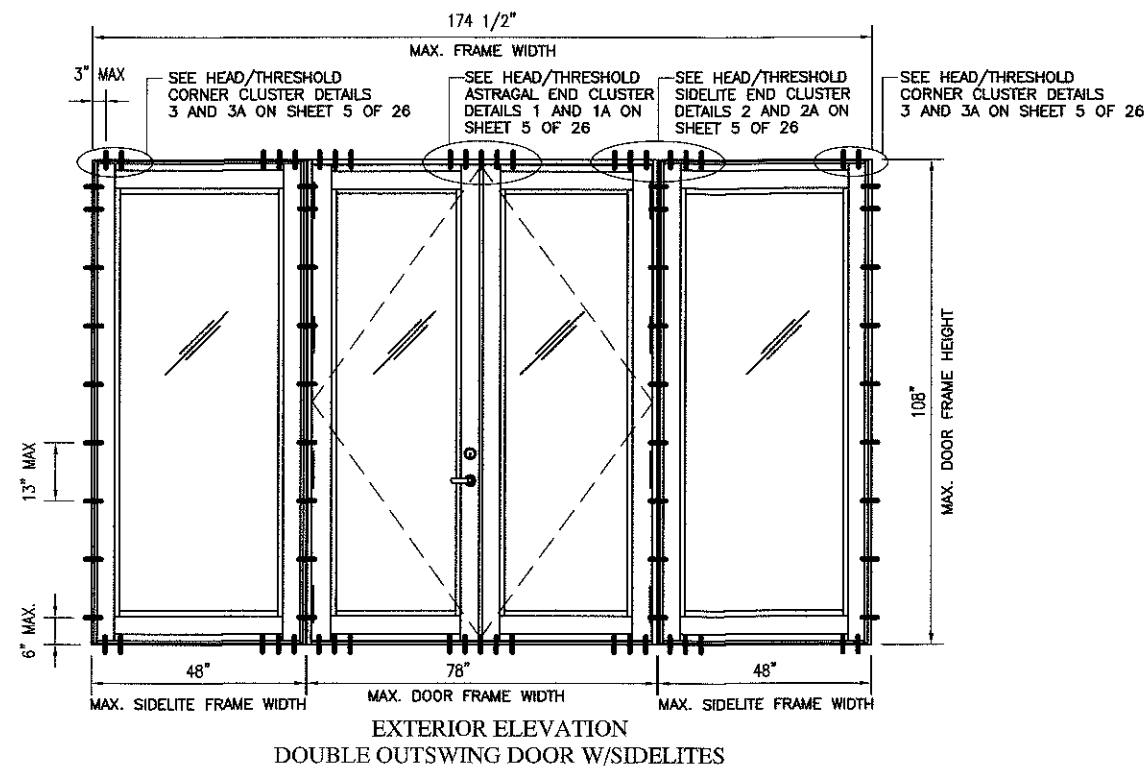
Approved as complying with the
Florida Building Code
Date 9/1/16
NOA#15-0929-11
Miami Dade Product Control
By Ishag I. Chande

FRANCISCO HERNANDEZ
FLORIDA PE # 51393



REVISION	DATE	BY	APP'D

DRAWING No.
001-15
DATE: 05/17/16
SCALE: N.T.S.
SHEET 3 OF 26



D.L.O.

D.L.O. HEIGHT = FRAME HEIGHT - 15 1/8"

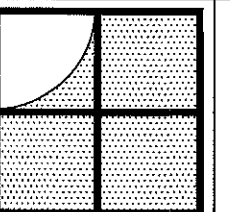
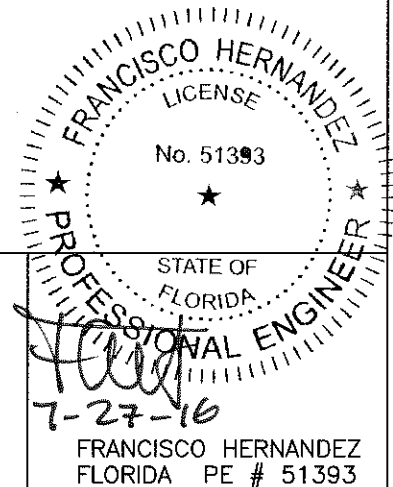
D.L.O. WIDTH (PANEL) = PANEL WIDTH - 11 1/2"

D.L.O. WIDTH (SIDELITE) = MAX. SIDELITE FRAME WIDTH - 13 1/8"

Approved as complying with the
Florida Building Code
Date 9/11/16
NOA# 15-0929.11
Miami Dade Product Control
By Shang I. G...

THIS PRODUCT IS IMPACT RESISTANT
SHUTTERS ARE NOT REQUIRED

ANCHOR DISTRIBUTION ELEVATIONS



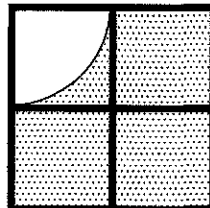
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REVISION	DATE	BY

DRAWING No.
FD01-15
DATE: 05/17/16
SCALE: N.T.S.
SHEET 4 OF 26

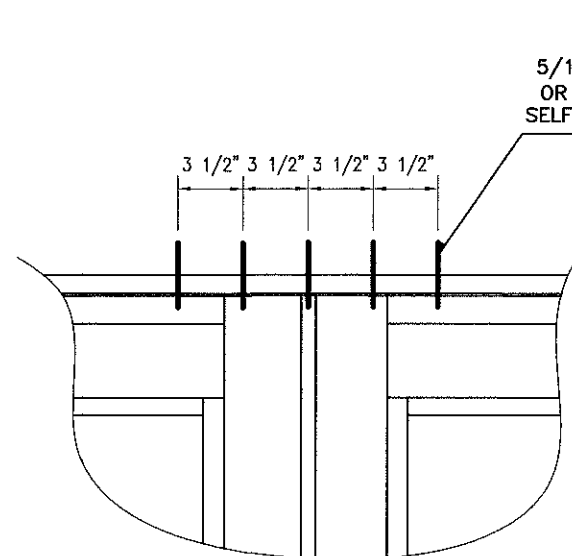


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REVISION	DATE	BY

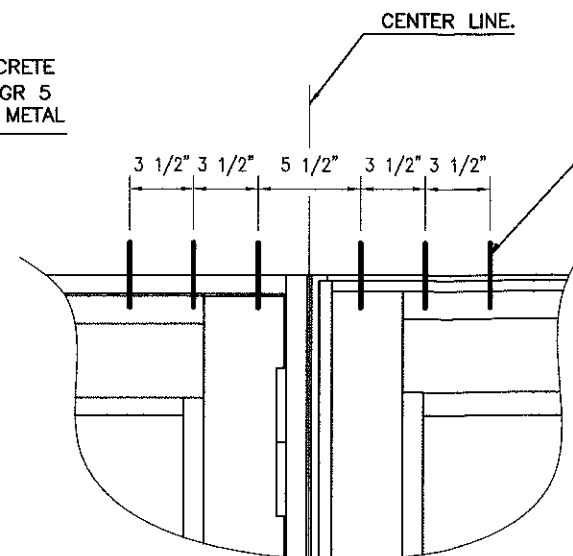
DRAWING No.
FD01-15
DATE: 05/17/16
SCALE: N.T.S.
SHEET 5 OF 26



CLUSTER DETAIL 1

(5 ANCHORS IN CONCRETE OR METAL)

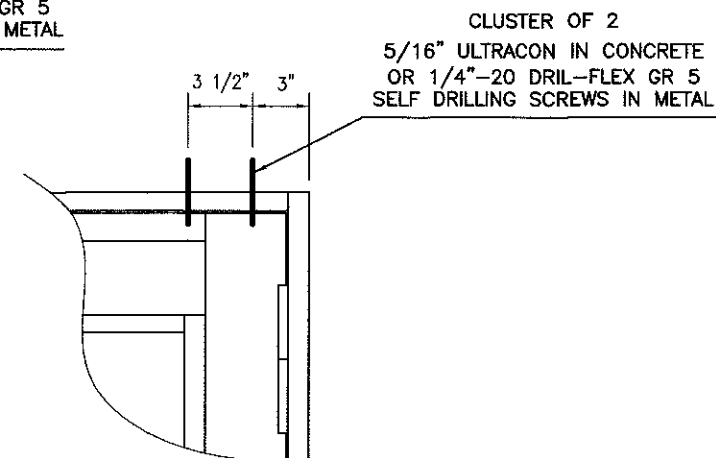
USE FOR HEAD AND THRESHOLD
AT ASTRAGAL END



CLUSTER DETAIL 2

(6 ANCHORS IN CONCRETE OR METAL)

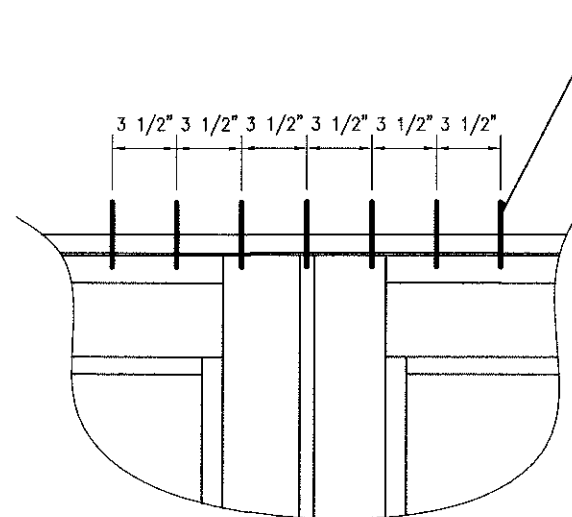
USE FOR HEAD AND THRESHOLD
AT SIDELITE END/MULLION/DOOR CONNECTION



CLUSTER DETAIL 3

(2 ANCHORS IN CONCRETE OR METAL)

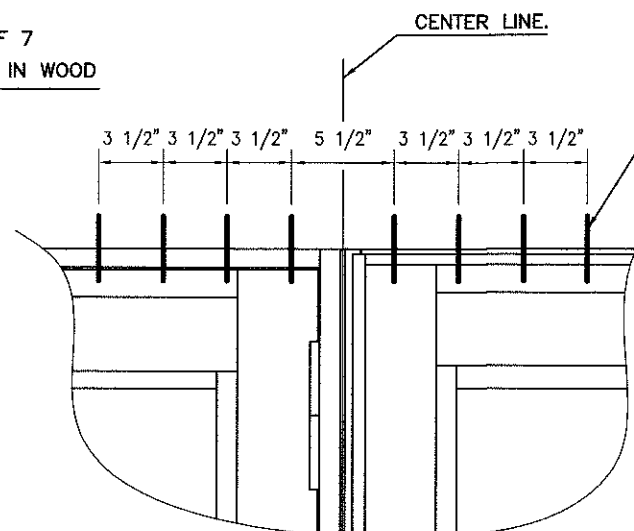
USE FOR HEAD AND THRESHOLD
AT DOOR AND/OR SIDELITE CORNERS



CLUSTER DETAIL 1A

(7 ANCHORS IN WOOD)

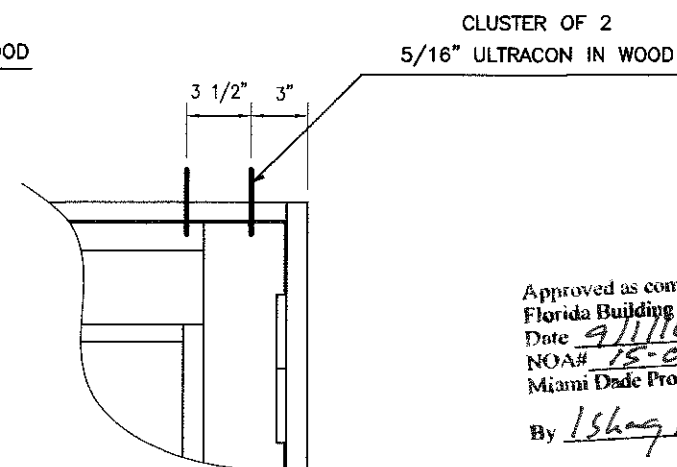
USE FOR HEAD AND THRESHOLD
AT ASTRAGAL END



CLUSTER DETAIL 2A

(8 ANCHORS IN WOOD)

USE FOR HEAD AND THRESHOLD
AT SIDELITE END/MULLION/DOOR CONNECTION



CLUSTER DETAIL 3A

(2 ANCHORS IN WOOD)

USE FOR HEAD AND THRESHOLD
AT DOOR AND/OR SIDELITE CORNERS

NOTE:

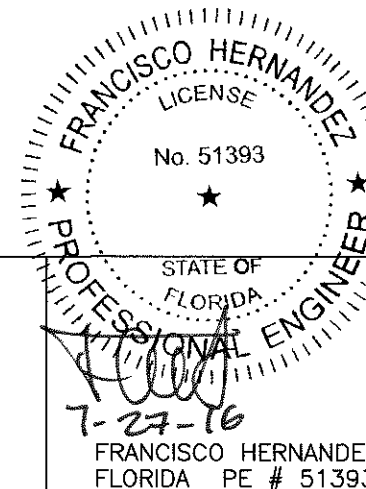
1.- SEE SHEETS 19 THROUGH 25 FOR INSTALLATION DETAILS.

CLUSTER ANCHORS SHALL BE AS FOLLOWS:

- 5/16" ϕ ULTRACON BY ELCO ($F_u = 188$ KSI, $F_y = 155$ KSI) WITH 1 3/4" MIN. EMBEDMENT INTO CONCRETE AND 3 1/8" MIN. EDGE DISTANCE.
- 5/16" ϕ ULTRACON BY ELCO ($F_u = 188$ KSI, $F_y = 155$ KSI) WITH 1 7/8" MIN. PENETRATION INTO WOOD AND 1 1/4" MIN. EDGE DISTANCE.
- 1/4" ϕ KWIK-FLEX OR 1/4"-20 DRIL-FLEX GR 5 ($F_y = 160$ KSI MIN.) SELF DRILLING SCREWS THROUGH METAL, MIN. 3 THREADS BEYOND SUBSTRATE

HEAD AND THRESHOLD ASTRAGAL/SIDELITE END
CLUSTER DETAILS

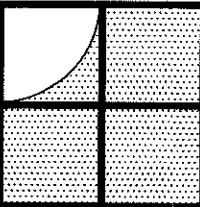
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NOA# 15-0929.11
Miami Dade Product Control
By Ishag L. Chaudhry



DESIGN PRESSURES CHART						
DESIGN PRESSURES FOR 5/16" DIA. ULTRACON ANCHOR CLUSTERS INSTALLED IN CONCRETE OR 1/4" KWIK FLEX OR DRIL-FLEX GR 5 SELF DRILLING SCREWS CLUSTERS INSTALLED IN METAL AT HEAD AND THRESHOLD OF SIDELITE END/MULLION/DOOR CONNECTIONS, DOOR AND/OR SIDELITE CORNERS, AND ASTRAGAL END. (SEE SHEET 5 OF 26 FOR DETAILS)						
DOOR PANEL WIDTH (NOMINAL)	DOOR AND SIDELITE FRAME HEIGHT (NOMINAL)	WITHOUT SIDELITES		MAXIMUM SIDELITE WIDTH WHEN SIDELITES ARE USED AT THE SIDES OF THE DOOR	WITH SIDELITES	
		POS.	NEG.		POS.	NEG.
SINGLE (42") DOUBLE (78")	108"	80.00	80.00	48"	80.00	80.00
				42"	80.00	80.00
				36"	80.00	80.00
				30"	80.00	80.00
SINGLE (30") DOUBLE (60") SEE NOTE 1	108"	80.00	80.00	48"	80.00	80.00
				42"	80.00	80.00
				36"	80.00	80.00
				30"	80.00	80.00
SINGLE (42") DOUBLE (78")	96"	80.00	80.00	48"	80.00	80.00
				42"	80.00	80.00
				36"	80.00	80.00
				30"	80.00	80.00
SINGLE (30") DOUBLE (60") SEE NOTE 1	96"	80.00	80.00	48"	80.00	80.00
				42"	80.00	80.00
				36"	80.00	80.00
				30"	80.00	80.00
SINGLE (42") DOUBLE (78")	82"	80.00	80.00	48"	80.00	80.00
				42"	80.00	80.00
				36"	80.00	80.00
				30"	80.00	80.00
SINGLE (30") DOUBLE (60") SEE NOTE 1	82"	80.00	80.00	48"	80.00	80.00
				42"	80.00	80.00
				36"	80.00	80.00
				30"	80.00	80.00

DESIGN PRESSURES CHART						
DESIGN PRESSURES FOR 5/16" DIA. ULTRACON ANCHOR CLUSTERS INSTALLED IN WOOD AT HEAD AND THRESHOLD OF SIDELITE END/MULLION/DOOR CONNECTIONS, DOOR AND/OR SIDELITE CORNERS, AND ASTRAGAL END. (SEE SHEET 5 OF 26 FOR DETAILS)						
DOOR LEAF WIDTH (NOMINAL)	DOOR AND SIDELITE HEIGHT (NOMINAL)	WITHOUT SIDELITES		MAXIMUM SIDELITE WIDTH WHEN SIDELITES ARE USED AT THE SIDES OF THE DOOR	WITH SIDELITES	
		POS.	NEG.		POS.	NEG.
SINGLE (42") DOUBLE (78")	108"	78.97	78.97	48"	78.97	78.97
				42"	78.97	78.97
				36"	78.97	78.97
				30"	78.97	78.97
SINGLE (30") DOUBLE (60") SEE NOTE 1	108"	80.00	80.00	48"	80.00	80.00
				42"	80.00	80.00
				36"	80.00	80.00
				30"	80.00	80.00
SINGLE (42") DOUBLE (78")	96"	80.00	80.00	48"	80.00	80.00
				42"	80.00	80.00
				36"	80.00	80.00
				30"	80.00	80.00
SINGLE (30") DOUBLE (60") SEE NOTE 1	96"	80.00	80.00	48"	80.00	80.00
				42"	80.00	80.00
				36"	80.00	80.00
				30"	80.00	80.00
SINGLE (42") DOUBLE (78")	82"	80.00	80.00	48"	80.00	80.00
				42"	80.00	80.00
				36"	80.00	80.00
				30"	80.00	80.00
SINGLE (30") DOUBLE (60") SEE NOTE 1	82"	80.00	80.00	48"	80.00	80.00
				42"	80.00	80.00
				36"	80.00	80.00
				30"	80.00	80.00

WIND LOAD A.S.D. FACTOR NOTE:
THE DESIGN PRESSURES SHOWN ON THESE CHARTS ARE FOR
ALLOWABLE STRESS DESIGN (A.S.D.). WIND LOADS CALCULATED BASED
UPON "ULTIMATE WIND SPEED" AS DETERMINED FROM ASCE 7-10
OR IBC 2012 ARE PERMITTED TO BE MULTIPLIED BY 0.6
TO CONVERT TO A.S.D. AND CAN BE COMPARED TO THE A.S.D. CHARTS.

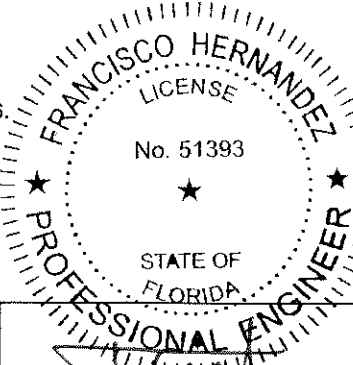


Sunshine Windows
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1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)364-9952
Fax:(305)828-5118

SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT

Approved as complying with the
Florida Building Code
Date 9/17/16
NOA# 15-0929-11
Miami Dade Product Control
By Isang J. Chank

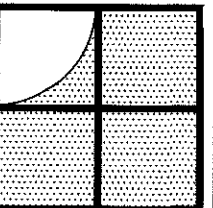
NOTE 1
DOORS REQUIRING EGRESS
(FULL USER PASSAGE) SHALL
COMPLY WITH THE REQUIREMENTS
OF NOTE NO. 11 ON SHEET 1 OF 26.



REVISION	DATE	BY

DRAWING No.
FD01-15
DATE: 09/06/15
SCALE: N.T.S.
SHEET 6 OF 26

DESIGN PRESSURES CHARTS

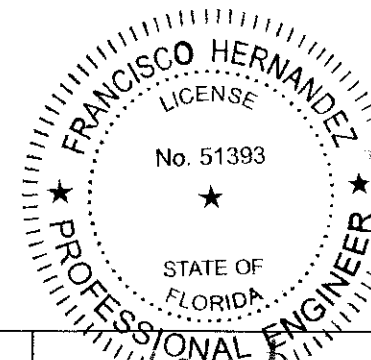


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FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT

NOTE:
SEE GLAZING DETAILS
ON SHEET 16 OF 26

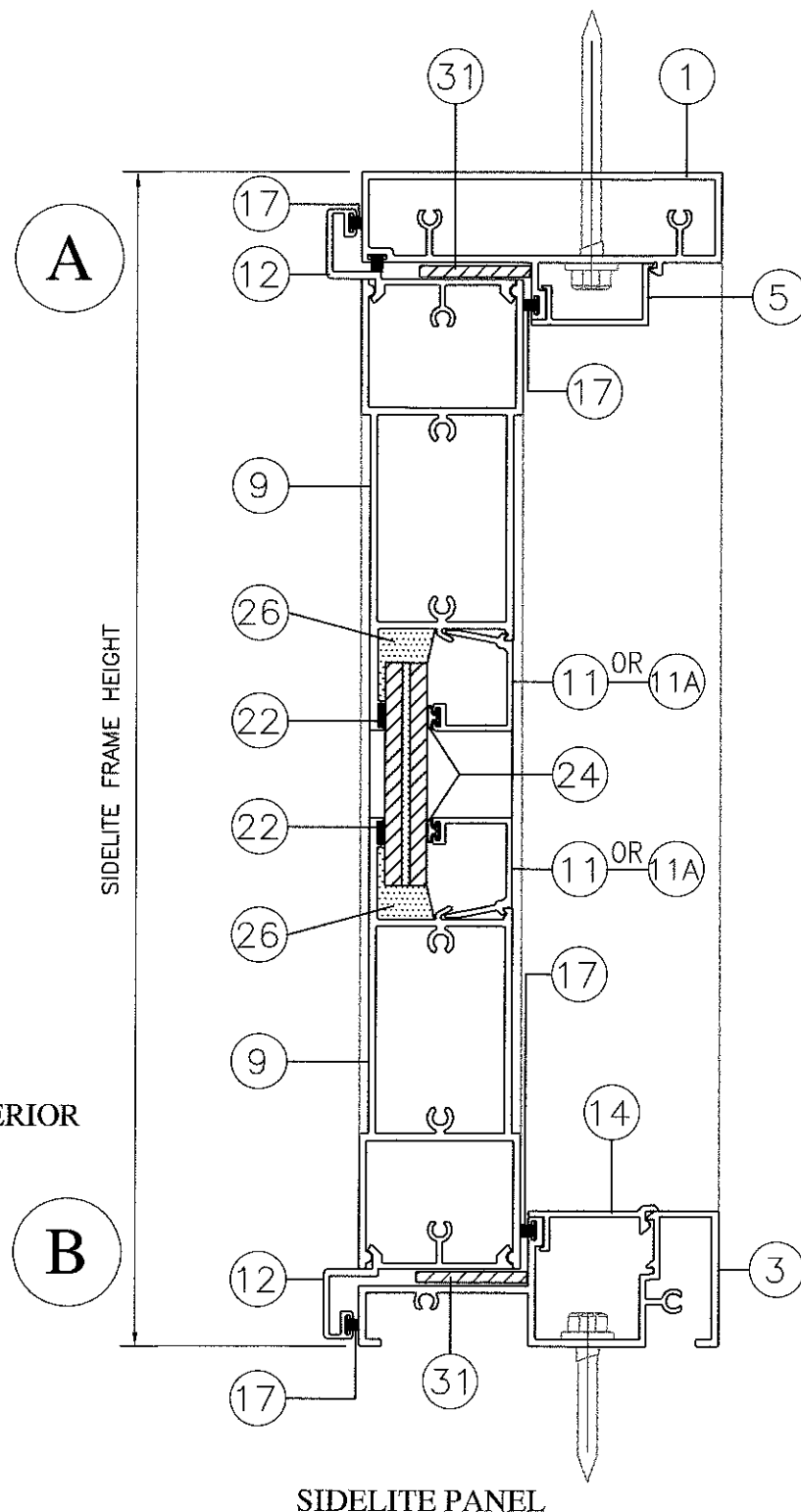
Approved as complying with the
Florida Building Code
Date 7/17/16
NOA# 15-0929.11
Miami Dade Product Control
By 164-7 J. Hernandez



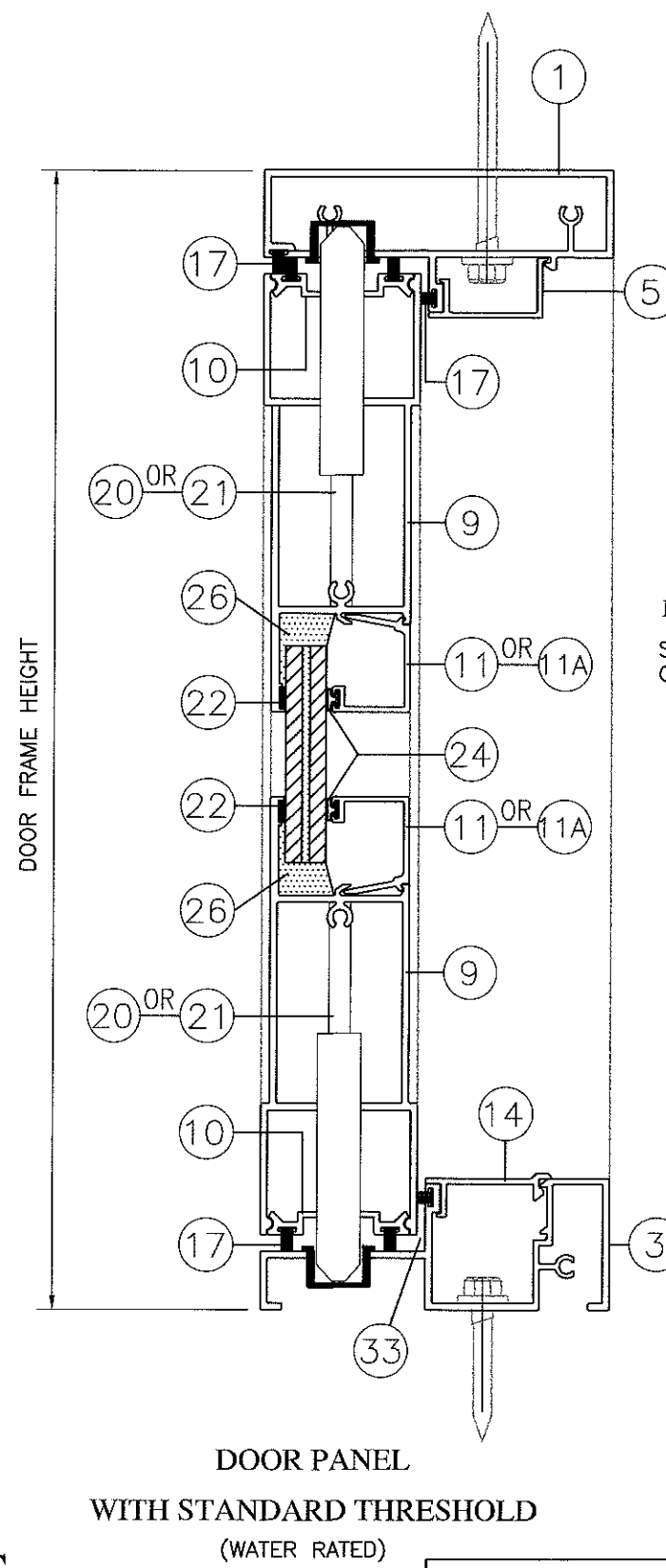
7-27-16

FRANCISCO HERNANDEZ
FLORIDA PE # 51393

DRAWING No.
FD01-15
DATE: 05/17/16
SCALE: 1/2" = 1"
SHEET 7 OF 26

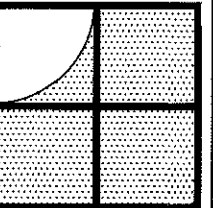


NOTE:
SEE GLAZING DETAILS ON SHEET 18 OF 26



VERTICAL SECTIONS

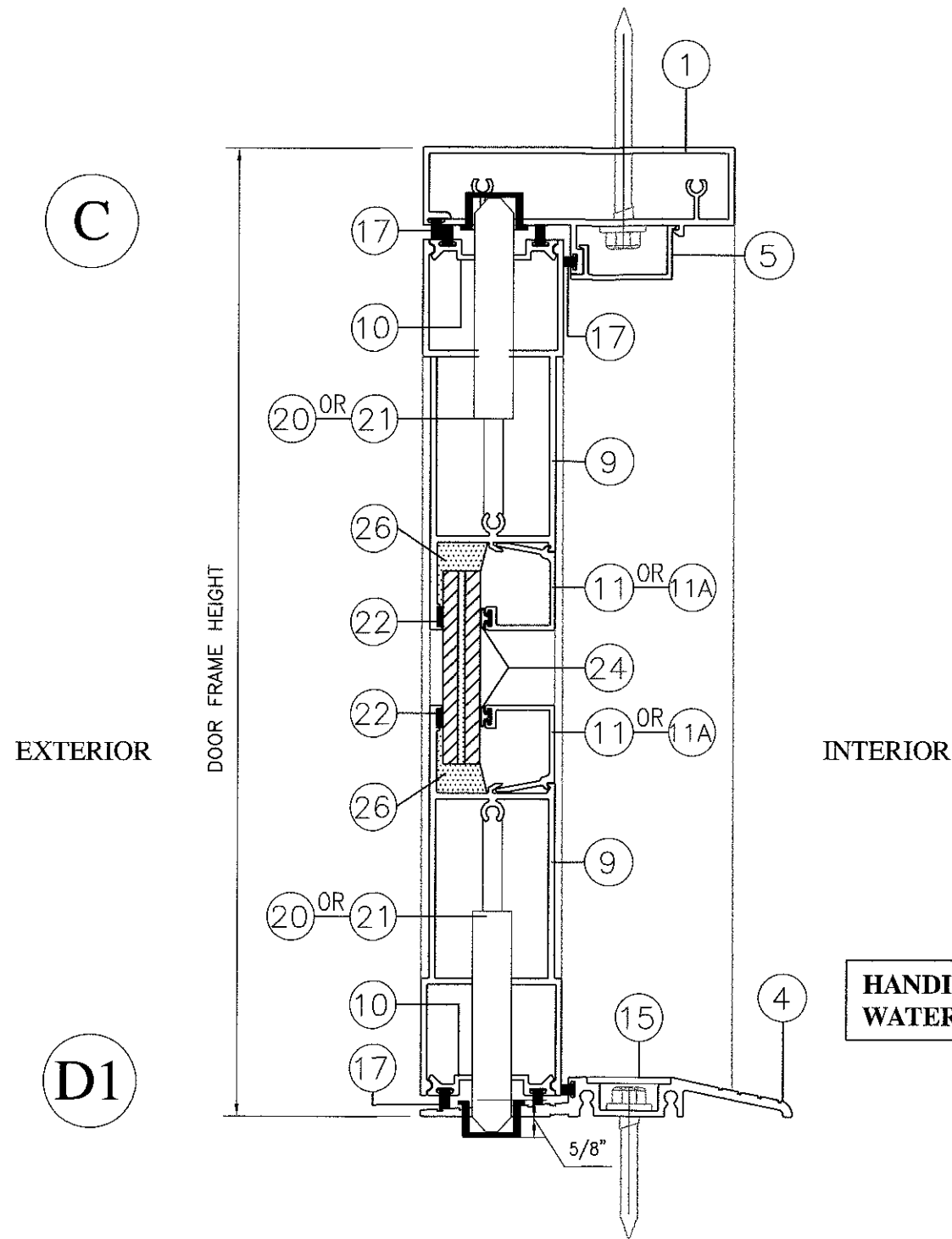
FOR INSTALLATION PURPOSE SEE SHEETS 19 THRU 25



Sunshine Windows
Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, Florida 33012
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SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT

Approved as complying with the
Florida Building Code
Date 9/17/16
NOA# 15-0929.11
Miami Dade Product Control
By Isabel L. Hank



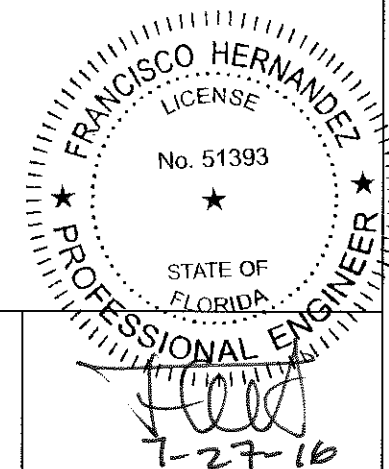
HANDICAP THRESHOLD SHALL NOT BE USED WHERE
WATER INFILTRATION RESISTANCE IS REQUIRED.

DOOR PANEL WITH HANDICAP THRESHOLD (OPTIONAL)
A.D.A COMPLIANT.

NOTE:
SEE GLAZING DETAILS ON SHEET 18 OF 26

VERTICAL SECTIONS

FOR INSTALLATION PURPOSE SEE SHEETS 19 THRU 25



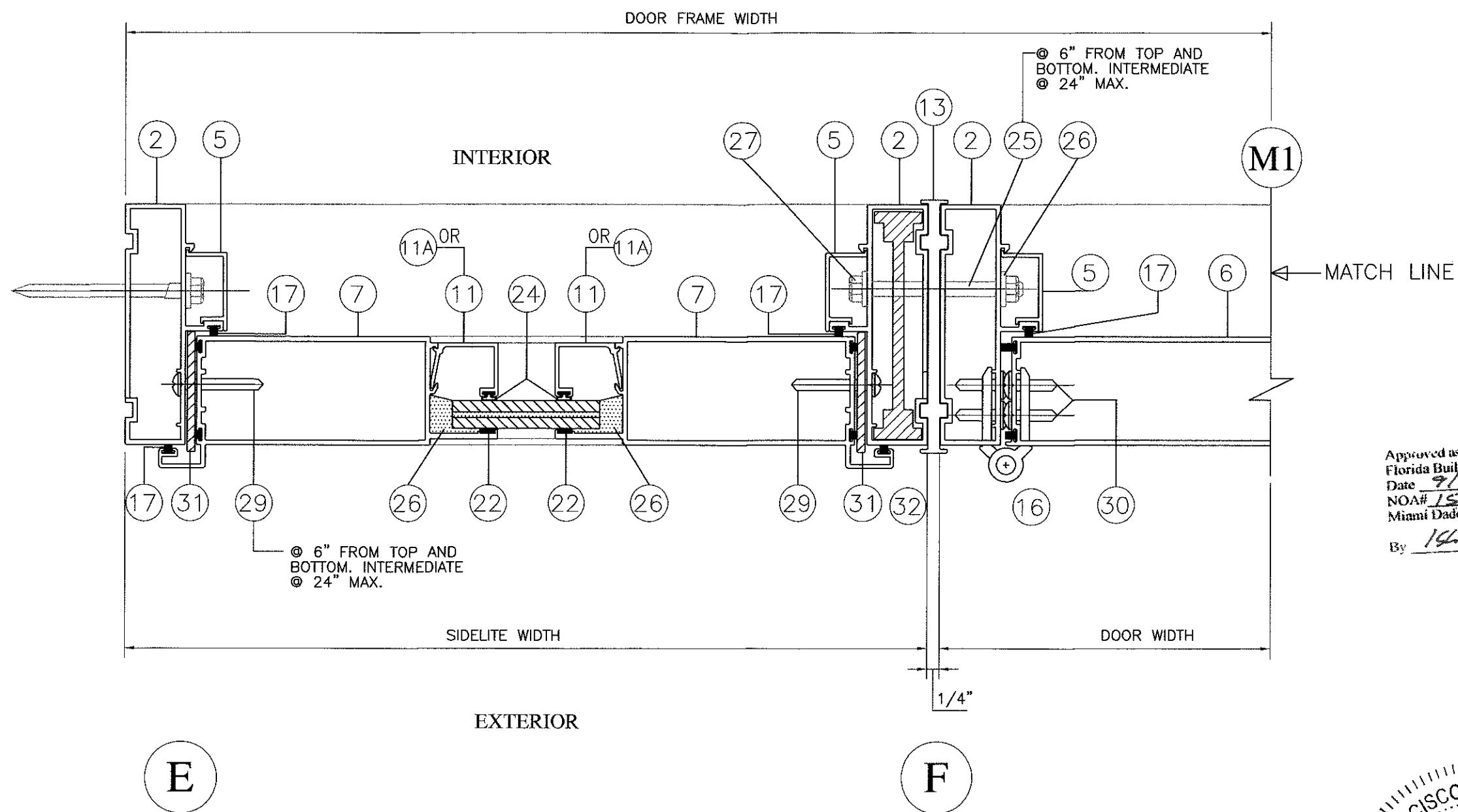
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

REVISION	No	DATE

DRAWING No.
FD01-15
DATE: 09/06/15
SCALE: 1/2" = 1"
SHEET 8 OF 26



**SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT**

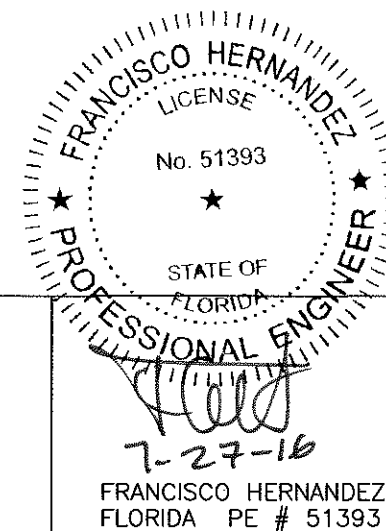


Approved as complying with the
Florida Building Code
Date 9/11/16
NOA# 15-0929-11
Miami Dade Product Control
By 16 Gary J. Chasinski

NOTE:
SEE GLAZING DETAILS ON SHEET 18 OF 26

HORIZONTAL SECTIONS

FOR INSTALLATION PURPOSE SEE SHEETS 19 THRU 25



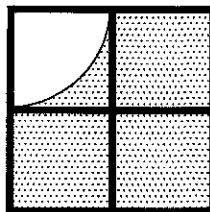
DRAWING No.
FDO1-15

DATE: 09/06/15

SCALE: 1/2"=1"

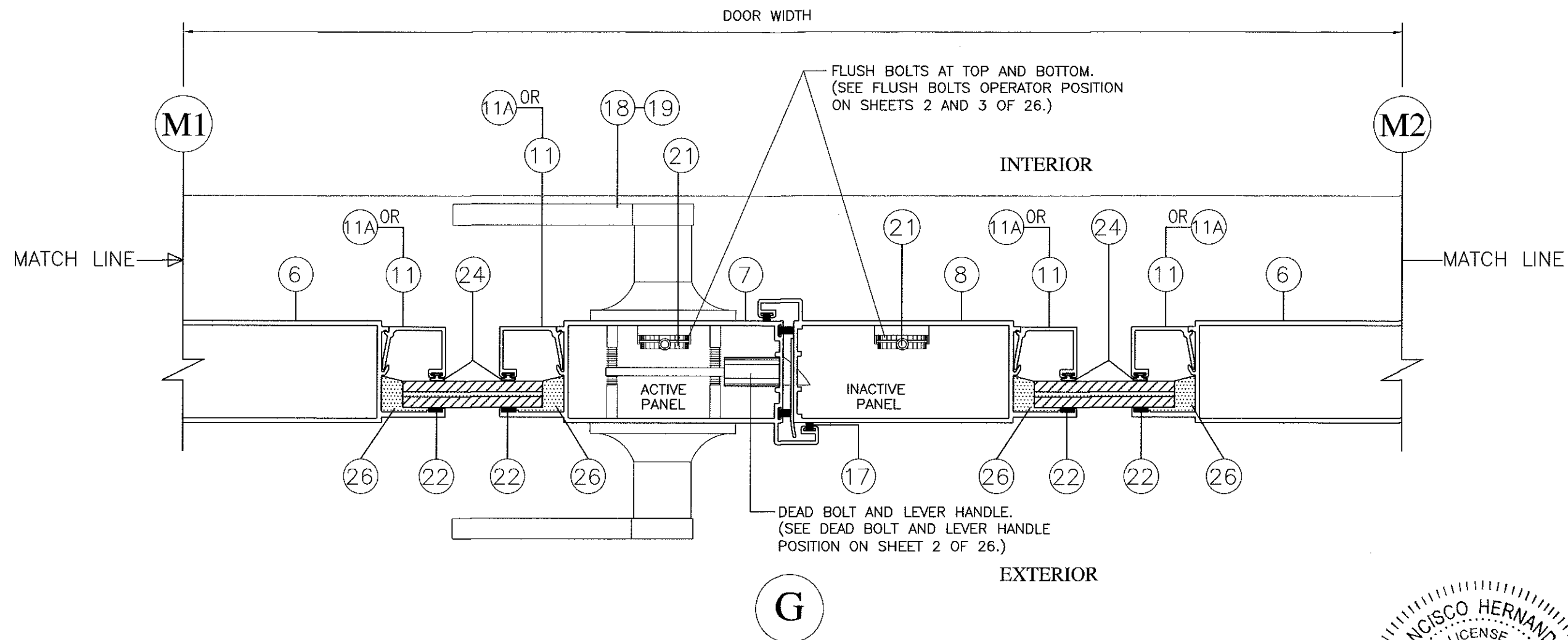
SHEET 9 OF 26

Approved as complying with the
Florida Building Code
Date 7/17/16
NOA# 15-0929-11
Miami Dade Product Control
By Isheg L. Hernandez



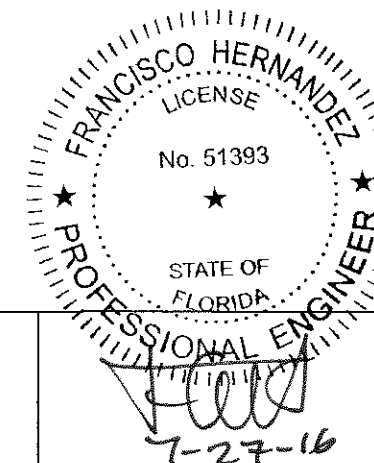
Sunshine Windows
Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)364-9952
Fax: (305)828-5118

SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT



NOTE:
SEE GLAZING DETAILS ON SHEET 18 OF 26

HORIZONTAL SECTIONS (DOUBLE OUTSWING DOOR WITH FLUSH BOLT OPTION)

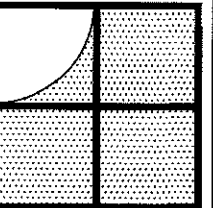


FRANCISCO HERNANDEZ
FLORIDA PE # 51393

NO	DATE	REVISION

DRAWING No.
FD01-15
DATE: 05/17/16
SCALE: 1/2"=1"
SHEET 10 OF 26

FOR INSTALLATION PURPOSE SEE SHEETS 19 THRU 25



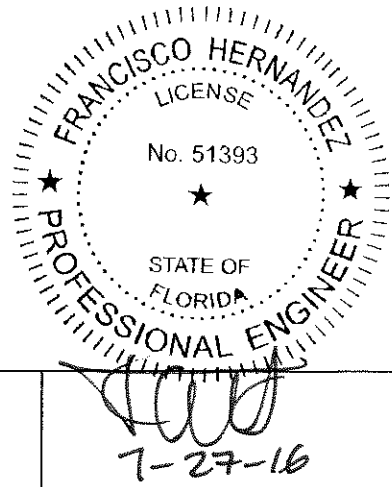
Sunshine Windows
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Hialeah, Florida 33012
Ph: (305)364-9952
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Approved as complying with the
Florida Building Code
Date 9/17/16
NOA# 15-0929-11
Miami Dade Product Control
By Francisco Hernandez

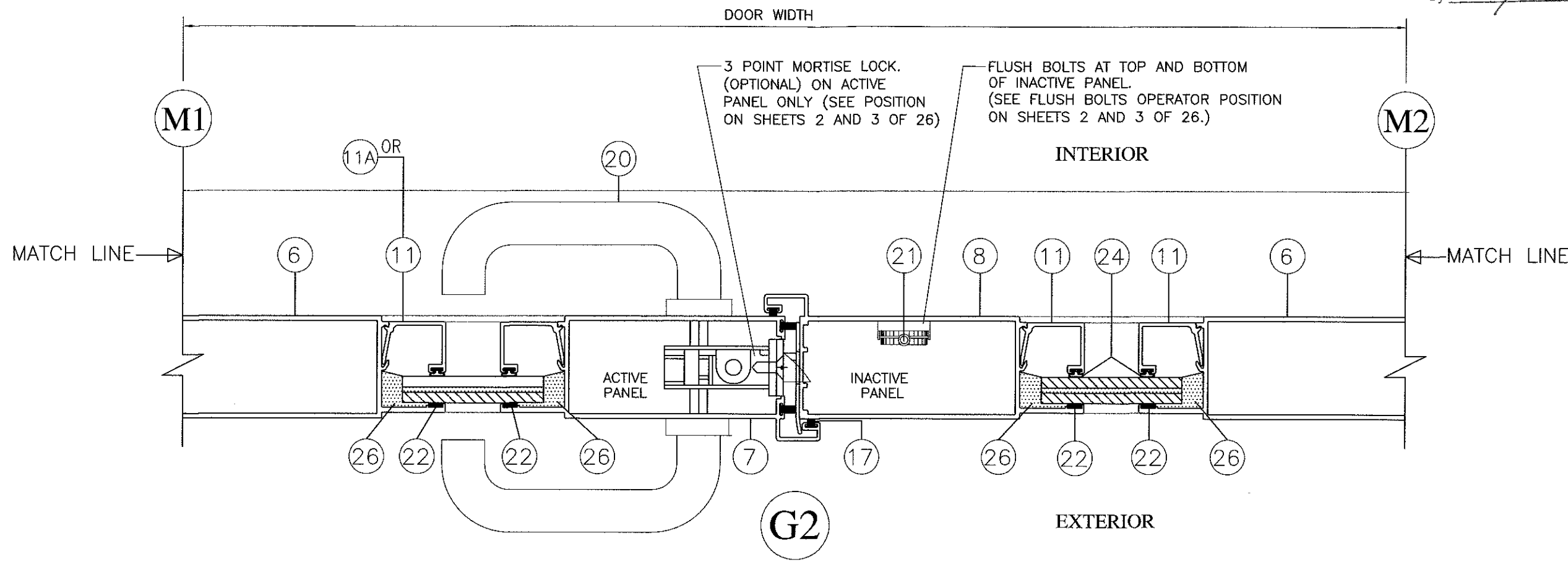
SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT

No.	DATE	REVISION

DRAWING No.
FD01-15
DATE: 05/17/16
SCALE: 1/2"=1"
SHEET 11 OF 26



FRANCISCO HERNANDEZ
FLORIDA PE # 51393

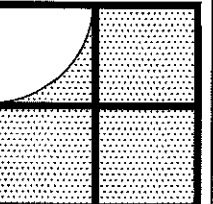


NOTE:
SEE GLAZING DETAILS ON SHEET 18 OF 26

HORIZONTAL SECTIONS

(DOUBLE OUTSWING DOOR WITH 3 POINT MORTISE LOCK OPTION)

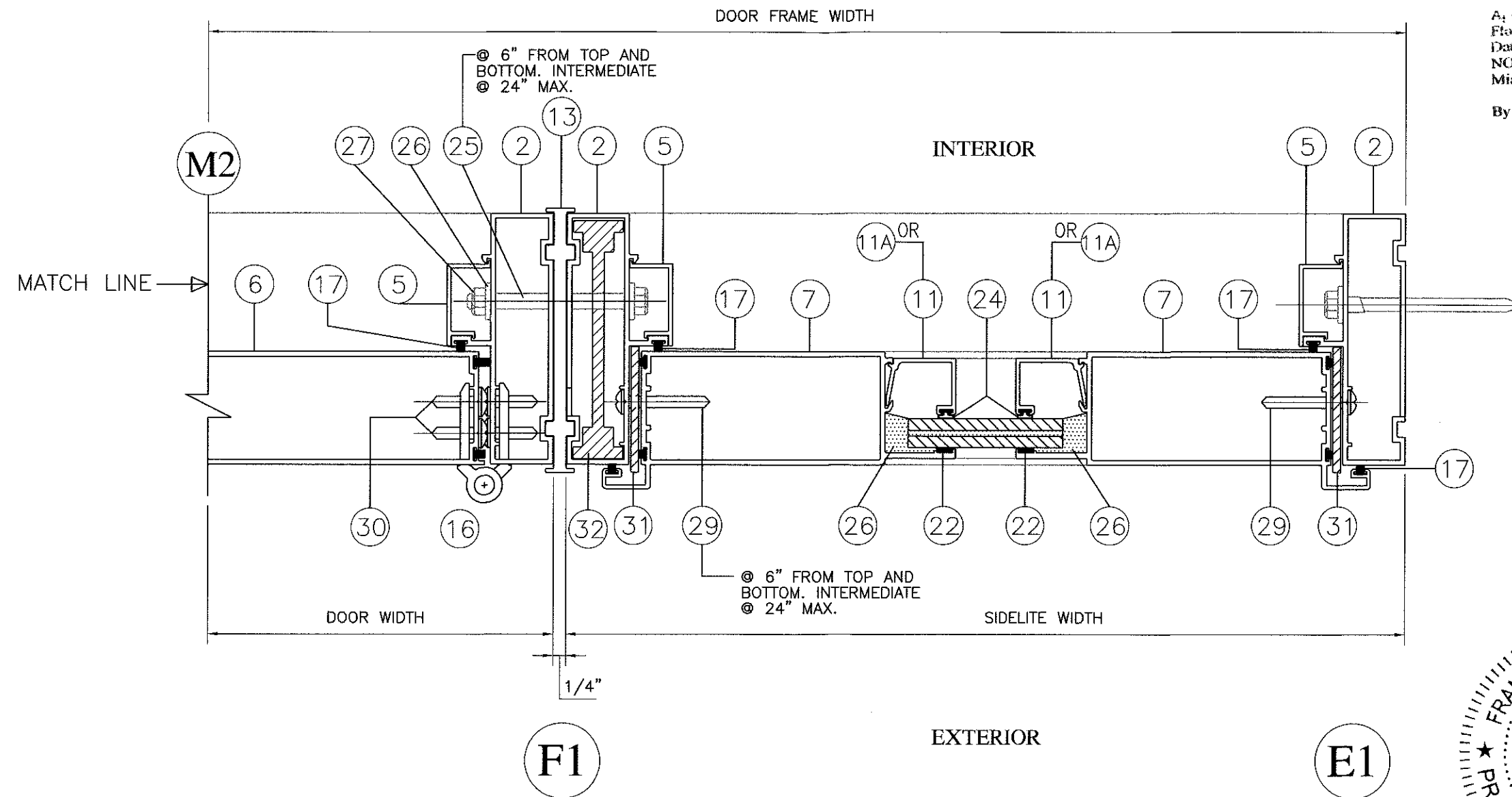
FOR INSTALLATION PURPOSE SEE SHEETS 19 THRU 22



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1745 W. 33rd Place
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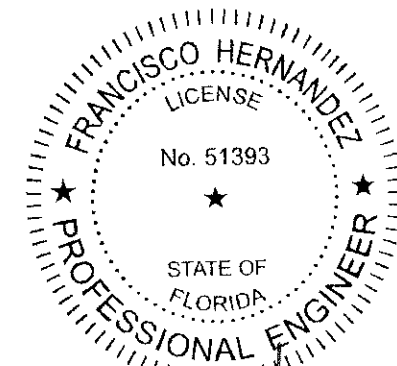
Approved as complying with the
Florida Building Code
Date 9/11/16
NOA# 15-0529.11
Miami Dade Product Control
By Isaac J. Llanusa

SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT



NOTE:
SEE GLAZING DETAILS ON SHEET 18 OF 26

HORIZONTAL SECTIONS



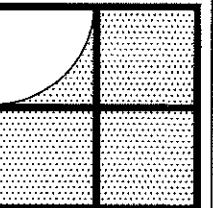
FOR INSTALLATION PURPOSE SEE SHEETS 19 THRU 25

Francisco Hernandez
7-27-16

FRANCISCO HERNANDEZ
FLORIDA PE # 51393

REVISION	DATE

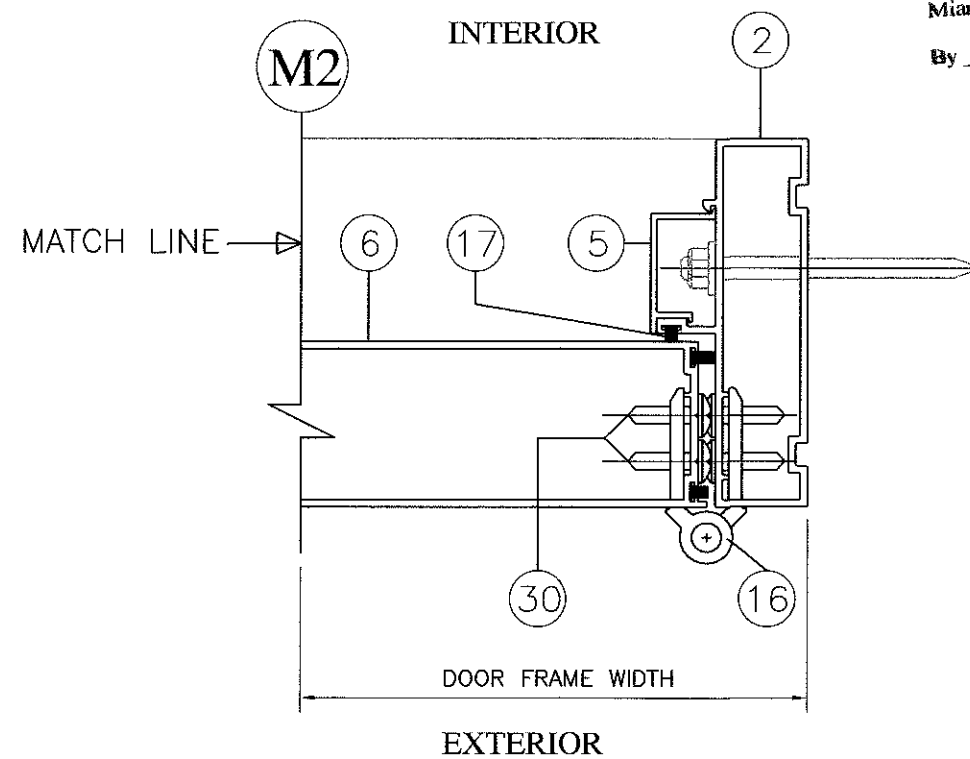
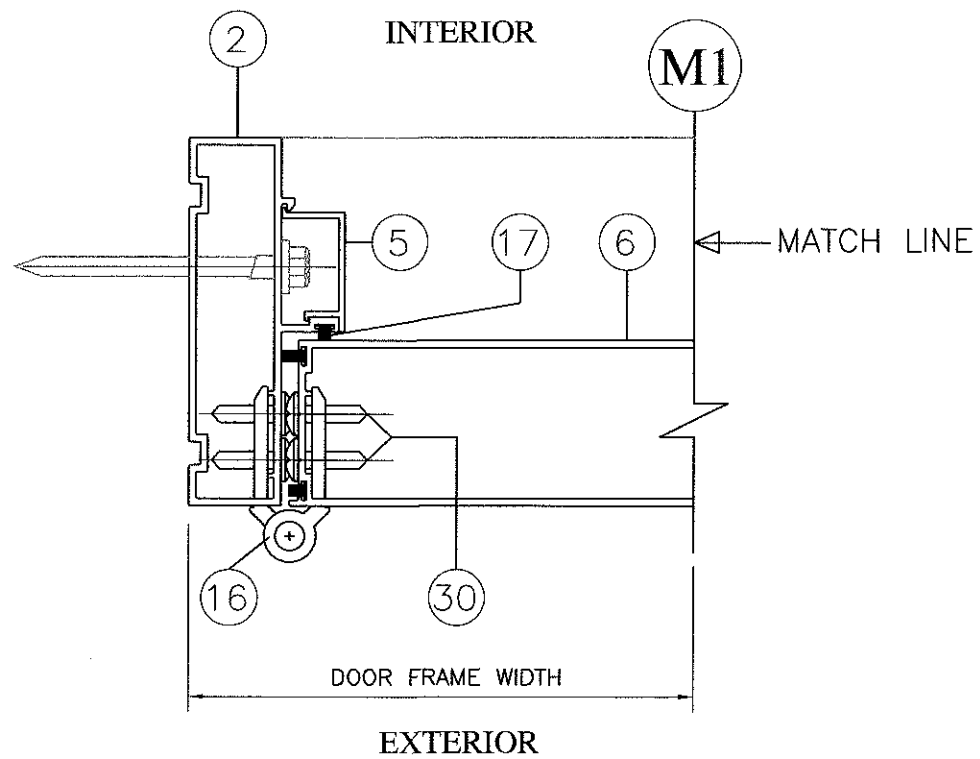
DRAWING No.
FD01-15
DATE: 05/07/16
SCALE: 1/2"=1"
SHEET 12 OF 26



Sunshine Windows
Manufacturing, Inc.
1745 W. 33rd Place
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Fax:(305)828-5118

SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT

Approved as complying with the
Florida Building Code
Date 9/1/16
NOA# 15-0929.11
Miami Dade Product Control
By Isang I. Chang



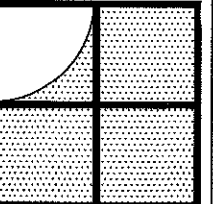
HORIZONTAL SECTIONS

FRANCISCO HERNANDEZ
LICENSE
No. 51393
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
7-27-16
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

FOR INSTALLATION PURPOSE SEE SHEETS 19 THRU 25

REVISION	DATE

DRAWING No.
FD01-15
DATE: 09/06/15
SCALE: 1/2"-1"
SHEET 13 OF 26

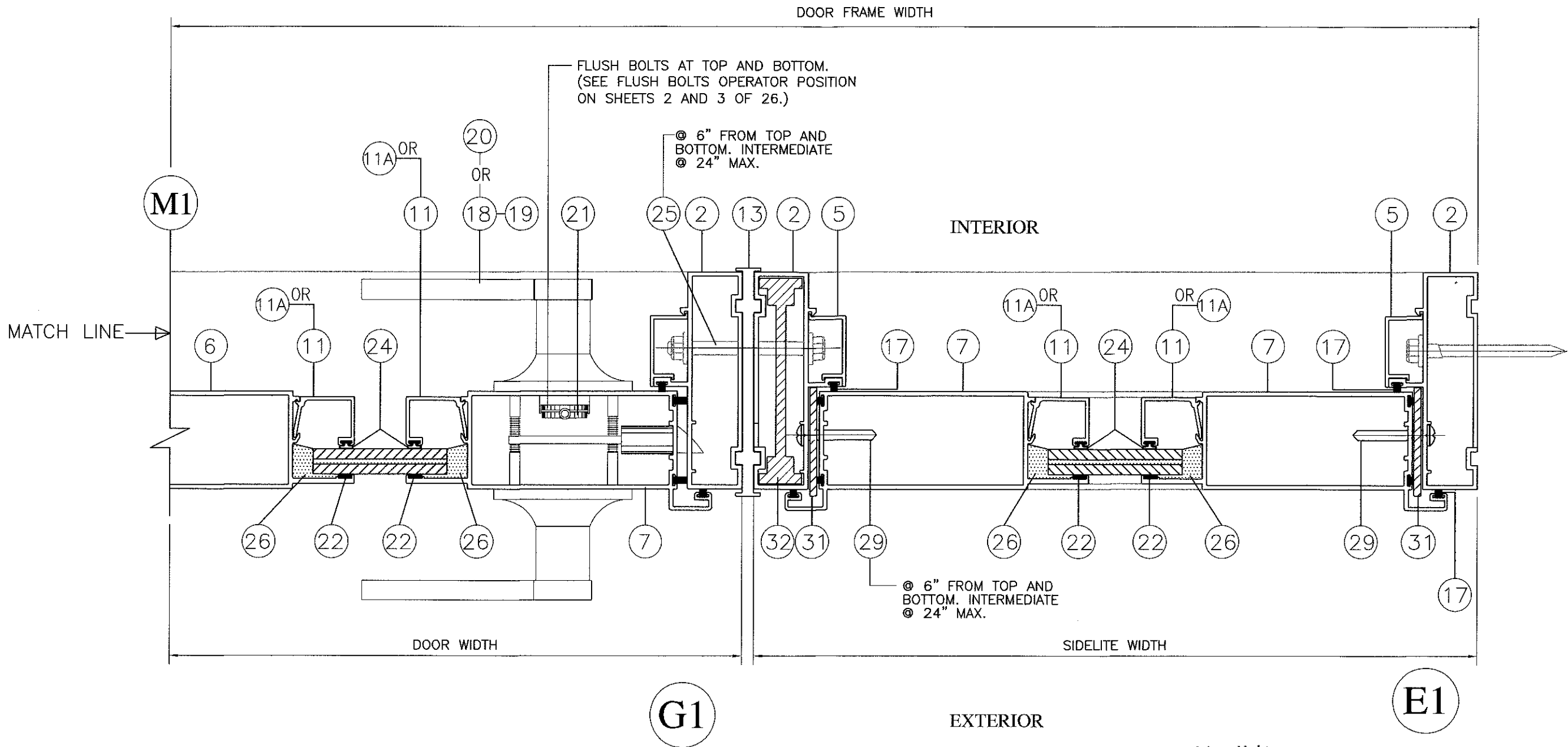


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SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT

REVISION	DATE

DRAWING No.
FD01-15
DATE: 09/06/15
SCALE: 1/2"=1"
SHEET 14 OF 26

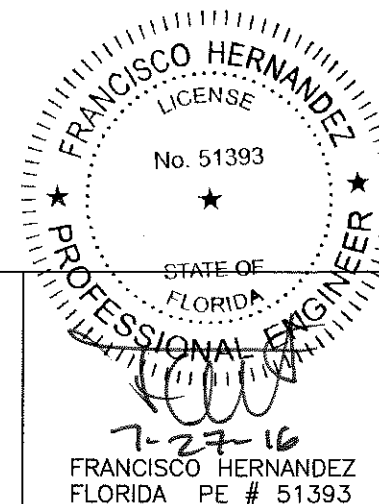


NOTE:
SEE GLAZING DETAILS ON SHEET 18 OF 26

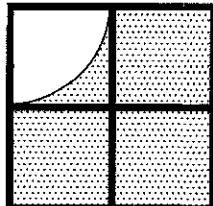
HORIZONTAL SECTIONS

(SINGLE OUTSWING DOOR WITH FLUSH BOLT OPTION)

Approved as complying with the
Florida Building Code
Date 9/1/16
NOA# 15-0929.11
Miami Dade Product Control
By Francisco Hernandez



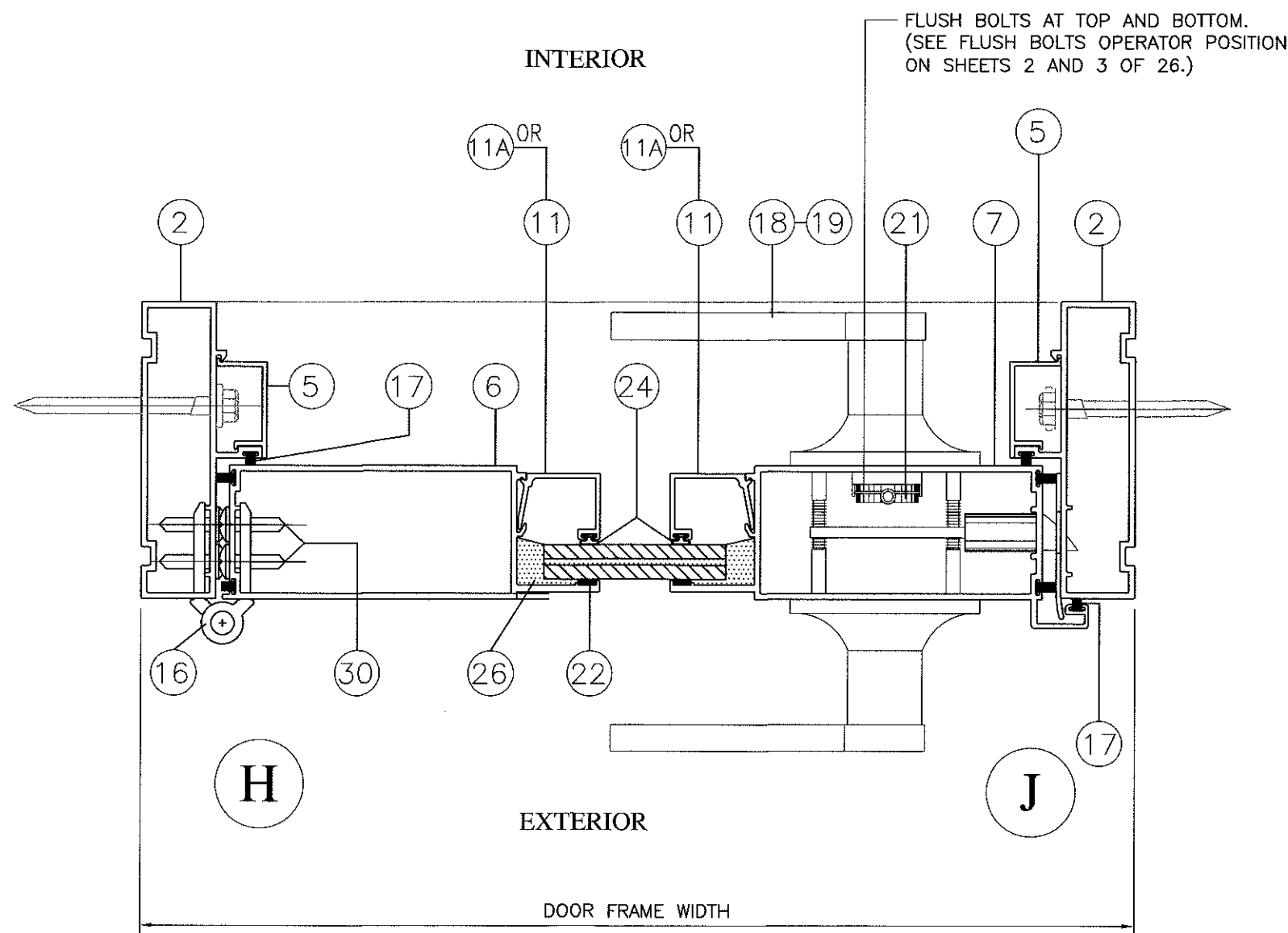
FOR INSTALLATION PURPOSE SEE SHEETS 19 THRU 25



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Hialeah, Florida 33012
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SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT

Approved as complying with the
Florida Building Code
Date 9/1/16
NOA# 15-0929.11
Miami Dade Product Control
By Isabel L. G. ...

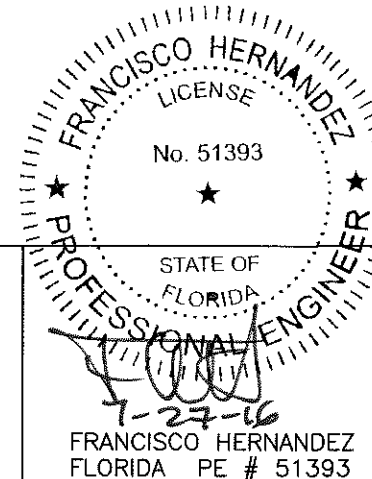


NOTE:
SEE GLAZING DETAILS ON SHEET 18 OF 26

HORIZONTAL SECTIONS

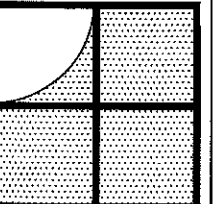
(SINGLE OUTSWING DOOR WITH FLUSH BOLT OPTION)

FOR INSTALLATION PURPOSE SEE SHEETS 19 THRU 25



REVISION	No	DATE

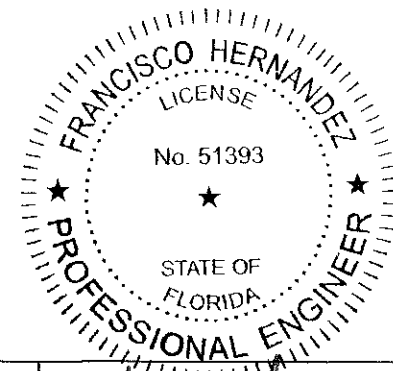
DRAWING No.
FD01-15
DATE: 09/06/15
SCALE: 1/2"-1"
SHEET 15 OF 26



Sunshine Windows
Manufacturing, Inc.
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FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT

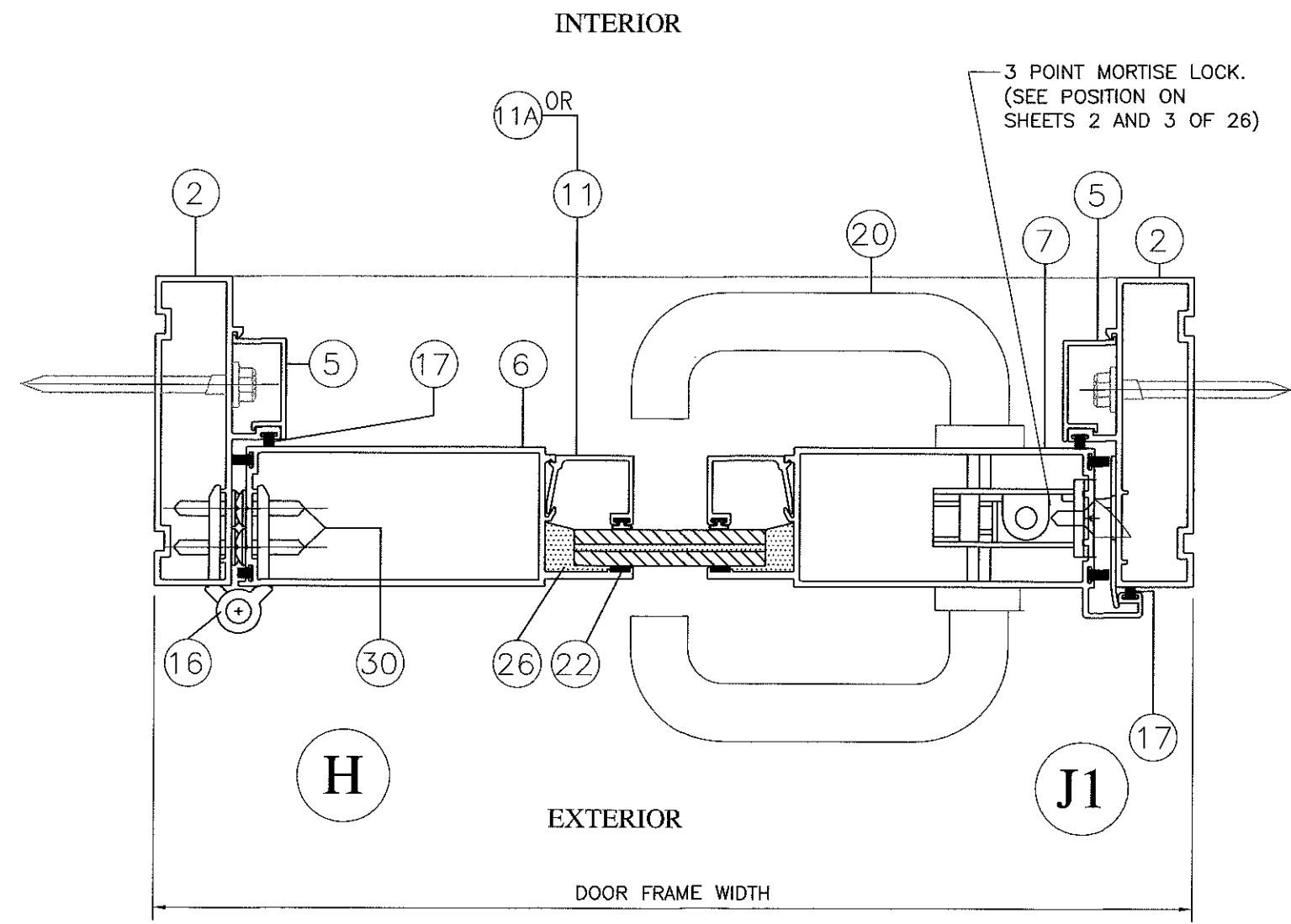
Approved as complying with the
Florida Building Code
Date 8/1/16
NOA# 15-0929.11
Miami Dade Product Control
By Isabel L. Gamba



Francisco Hernandez
7-27-16
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

REVISION	DATE

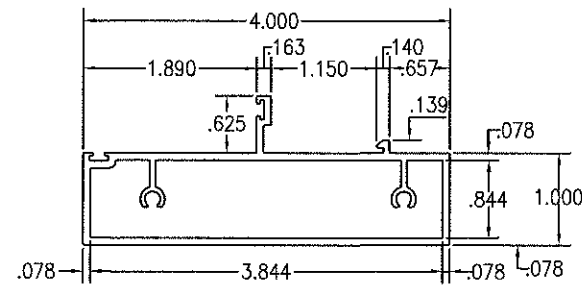
DRAWING No.
FD01-15
DATE: 05/17/16
SCALE: N.T.S.
SHEET 16 OF 26



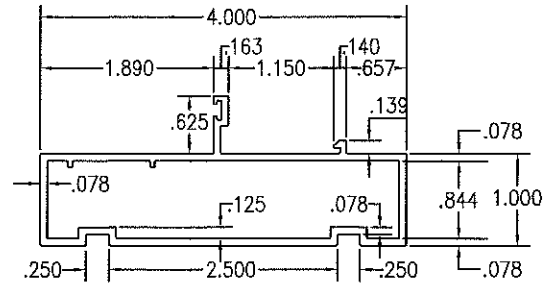
NOTE:
SEE GLAZING DETAILS ON SHEET 18 OF 26

HORIZONTAL SECTIONS
(SINGLE OUTSWING DOOR WITH 3 POINT MORTISE LOCK OPTION)

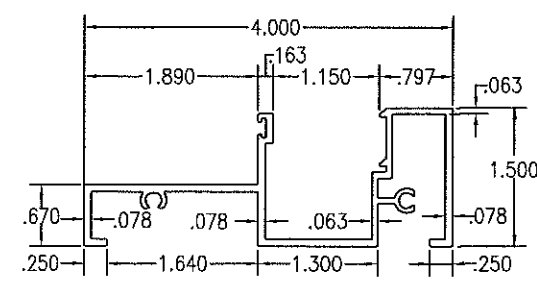
FOR INSTALLATION PURPOSE SEE SHEETS 19 THRU 25



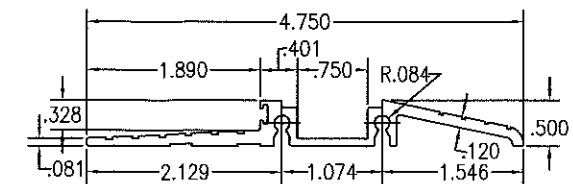
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DOOR FRAME HEAD



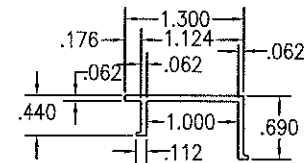
2
DOOR FRAME JAMB



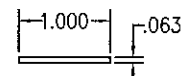
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DOOR FRAME STANDARD THRESHOLD



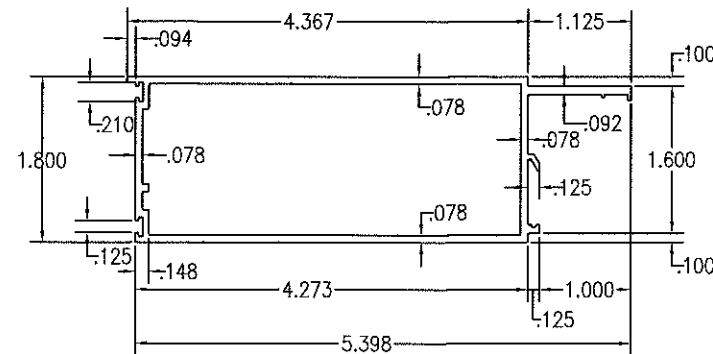
4
DOOR FRAME HANDICAP THRESHOLD



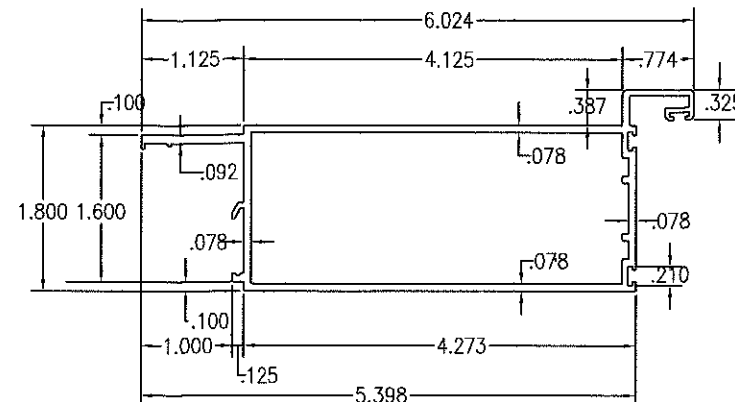
5
INSTALLATION SCREW COVER



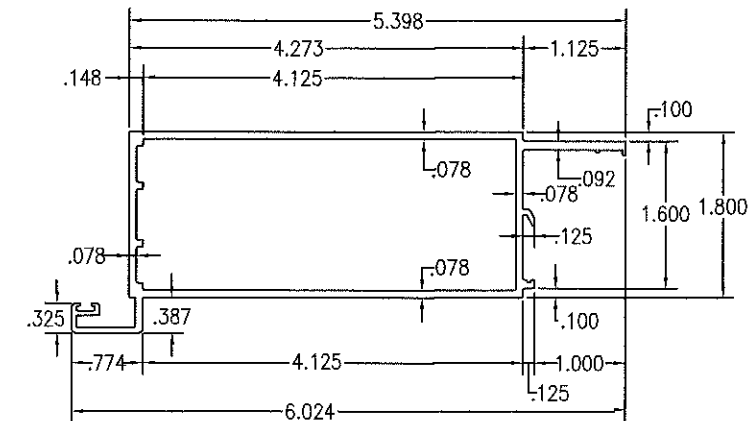
15
HANDICAP
THRESHOLD SCREW
COVER



6
HINGE STILE

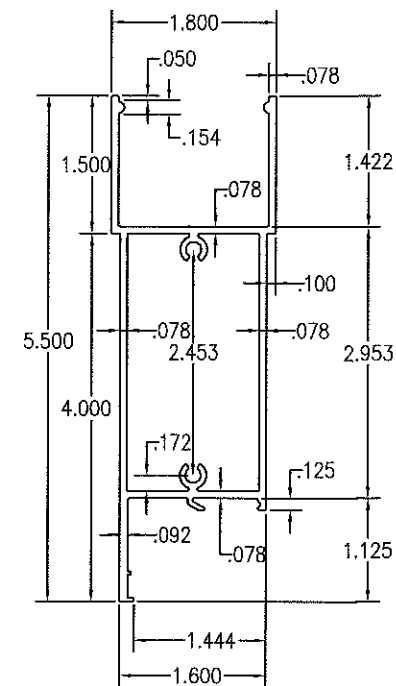


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ACTIVE STILE

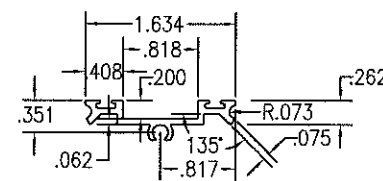


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INACTIVE STILE

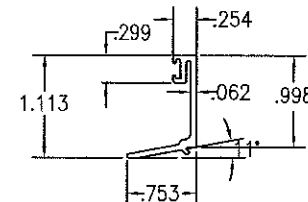
Approved as complying with the
Florida Building Code
Date 9/1/16
NOA# 15-0529-11
Miami Dade Product Control
By Sheng I. Chan



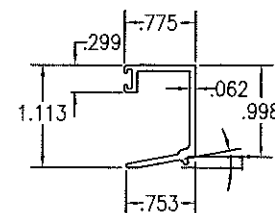
9
TOP & BOTTOM RAIL



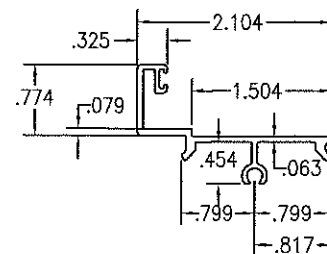
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WEATHER STRIP PLATE



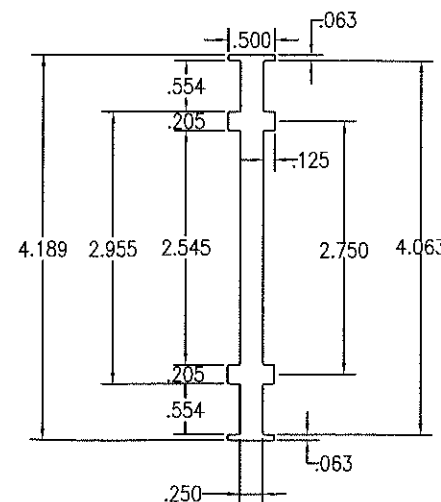
11A
GLAZING BEAD
FOR GLASS THICKNESS = 1"



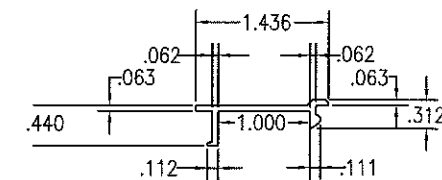
11
GLAZING BEAD
FOR GLASS THICKNESS = 7/16"



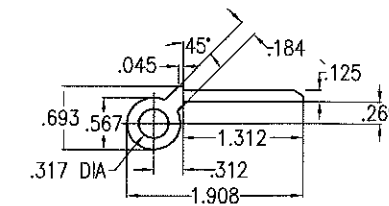
12
TOP & BOTTOM PLATE



13
ALUMINUM MULLION



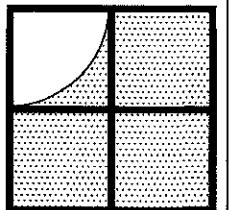
14
THRESHOLD SCREW COVER



16
ALUMINUM HINGES

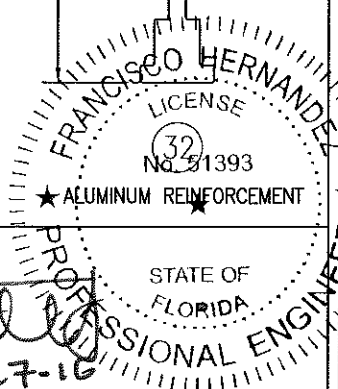
NOTE:
ALL DIMENSIONS ARE INCHES UNIT.

EXTRUSIONS



Sunshine Windows
Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)364-9952
Fax: (305)828-5118

SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT



FRANCISCO HERNANDEZ
FLORIDA PE # 51393

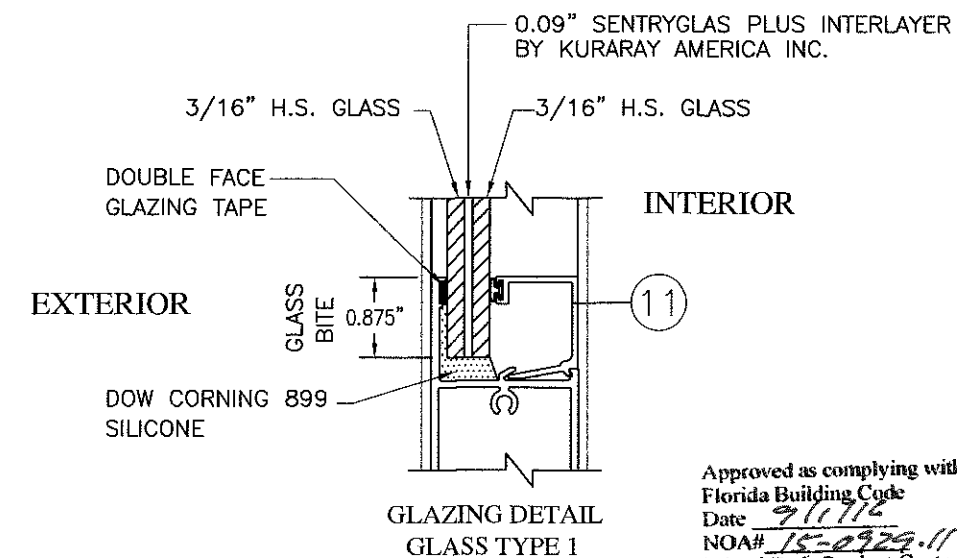
REVISION	DATE	BY

DRAWING No.
FD01-15
DATE: 05/17/16
SCALE: N.T.S.

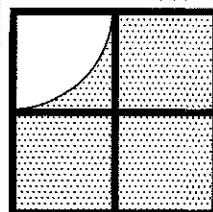
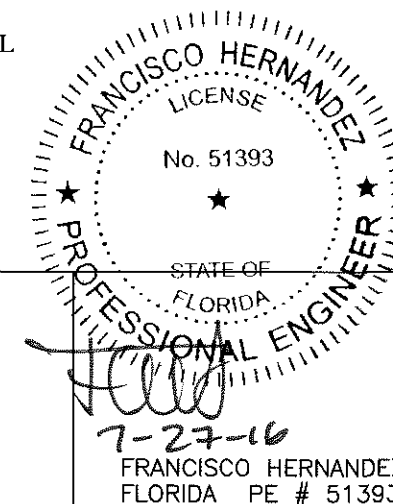
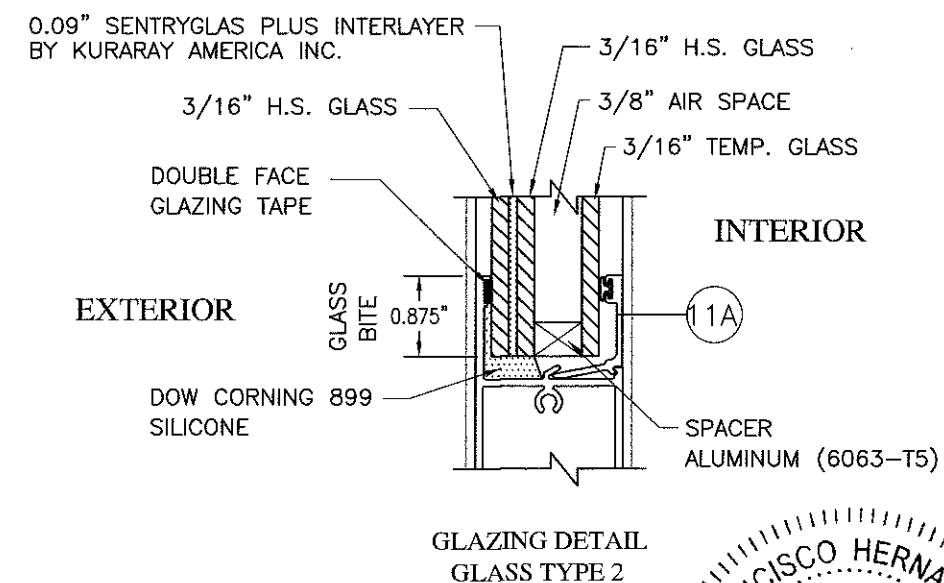
SHEET 17 OF 26

MATERIAL LIST					
ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MFR./SUPPLIER
1	1202001	1	FRAME HEAD	6063-T6	SINOPEC TRADING
2	1202002	2	FRAME JAMB	6063-T6	SINOPEC TRADING
3	1202003	1	STANDARD THRESHOLD	6063-T6	SINOPEC TRADING
4	1202004	1	HANDYCAP THRESHOLD	6063-T6	SINOPEC TRADING
5	1202005	AS REQUIRED	FRAME INTERIOR SCREW COVER	6063-T6	SINOPEC TRADING
6	1202006	AS REQUIRED	HINGE SIDE PANEL STILE	6063-T6	SINOPEC TRADING
7	1202007	AS REQUIRED	ACTIVE SIDE PANEL STILE	6063-T6	SINOPEC TRADING
8	1202008	AS REQUIRED	INACTIVE SIDE PANEL STILE	6063-T6	SINOPEC TRADING
9	1202009	AS REQUIRED	TOP AND BOTTOM PANEL RAIL	6063-T6	SINOPEC TRADING
10	1202010	AS REQUIRED	WEATHER STRIPPING PLATE	6063-T6	SINOPEC TRADING
11	12065	AS REQUIRED	7/16" GLAZING BEAD	6063-T6	MI METALS
11A	12180	AS REQUIRED	1" INSULATED GLAZING BEAD	6063-T6	MI METALS
12	1202012	AS REQUIRED	S.L. TOP AND BOTTOM PLATE	6063-T6	SINOPEC TRADING
13	1202013	AS REQUIRED	MULLION	6063-T6	SINOPEC TRADING
14	12181	AS REQUIRED	THRESHOLD SCREW COVER	6063-T6	MI METALS
15	31296	AS REQUIRED	HANDYCAP THRESHOLD SCREW COVER	6063-T6	SAPA EXTRUDERS
16	46917	AS REQUIRED	HINGES	6063-T6	SAPA EXTRUDERS
17	W33321NK0020	AS REQUIRED	ULTRA FIN WEATHERSEAL	POLYPROYLENE	ULTRAFAB
18	290DZ1ABBP	AS REQUIRED	DEAD BOLT	ZINC	REGENT HARDWARE
19	290L3ZAB3BP	AS REQUIRED	PASSAGE LEVER	ZINC	REGENT HARDWARE
20	2062-3P-SS	AS REQUIRED	3-POINT MORTISE LOCK	S.S.	REGENT HARDWARE
21	SERIES 2508	AS REQUIRED	FLUSH BOLTS	ZINC	REGENT HARDWARE
22	ZIALOC 750	AS REQUIRED	1/8" X 1/4" DOUBLE SIDED TAPE	PE FOAM	TBP CONVERTING
26	DOW CORNING 899	AS REQUIRED	RTV SILICONE GLAZING SEALANT	SILICONE	DOW CORNING
24	E20318WN3020	AS REQUIRED	T-SLOT EXTRUDED SEAL BULB	TPE PLASTIC	ULTRAFAB
25	2BB93	AS REQUIRED	HEX SCREW 1/4" X 2 3/4"	STEEL	GRAINGER
26	6PE76	AS REQUIRED	FLAT WASHER 1/4"	STEEL	GRAINGER
27	4FCA9	AS REQUIRED	HEX NUT 1/4"	STEEL	GRAINGER
28	1MB16	12 PER PANEL	# 10 X 1 1/2" METAL SCREW	STEEL	GRAINGER
29	5KGF9	AS REQUIRED	# 10 X 1" METAL SCREW	STEEL	GRAINGER
30	T9FB402979	6 PER HINGE	# 10 X 3/4" METAL SCREW	STEEL	GLOBAL INDUSTRIES
31	PHS8	AS REQUIRED	2" X 1/8" SPACER	PLASTIC	CRL
32	SW-1	AS REQUIRED	ALUMINUM REINFORCEMENT	6063-T6	SAPA
33	X109HT100	AS REQUIRED	D SECTION RUBBER SEAL	EPDM	TRIMLOCK

MATERIAL LIST AND GLAZING DETAILS



Approved as complying with the
Florida Building Code
Date 9/1/16
NOA# 15-0929-11
Miami Dade Product Control
By Francisco Hernandez

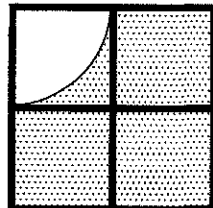


Sunshine Windows
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Fax: (305)828-5118

SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT

REVISION	DATE	BY	APP'D

DRAWING No.
FD01-15
DATE: 05/17/16
SCALE: N.T.S.
SHEET 18 OF 26

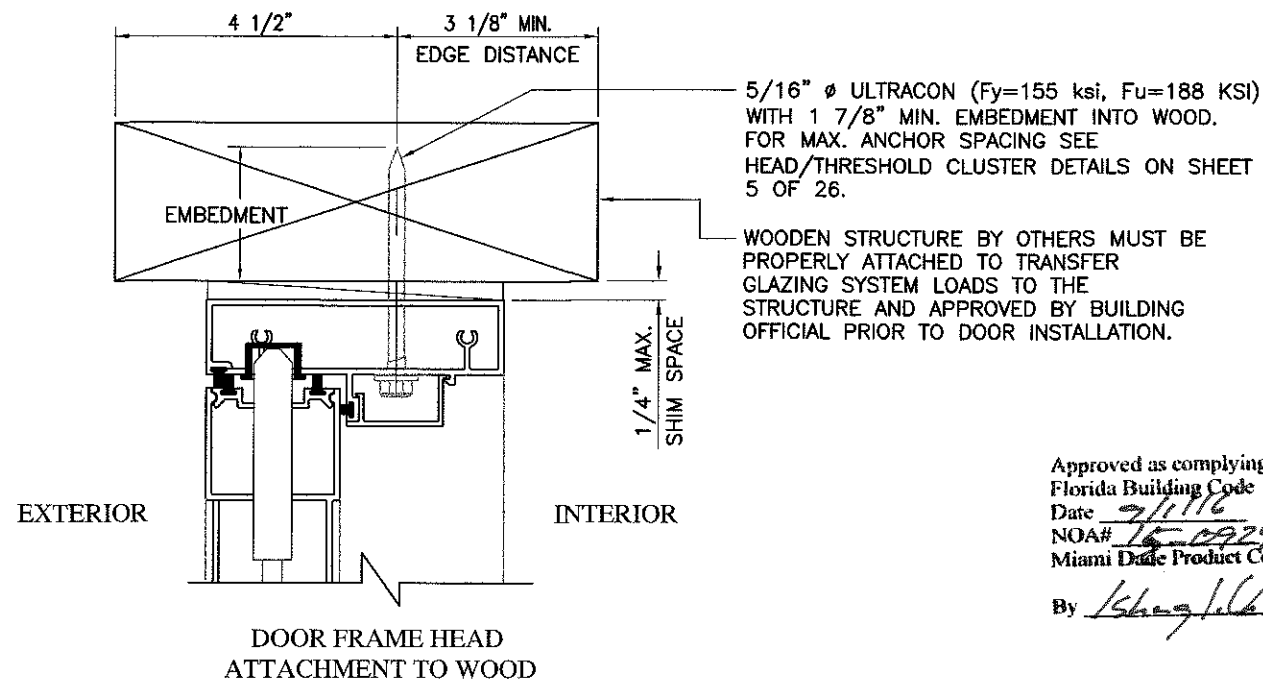
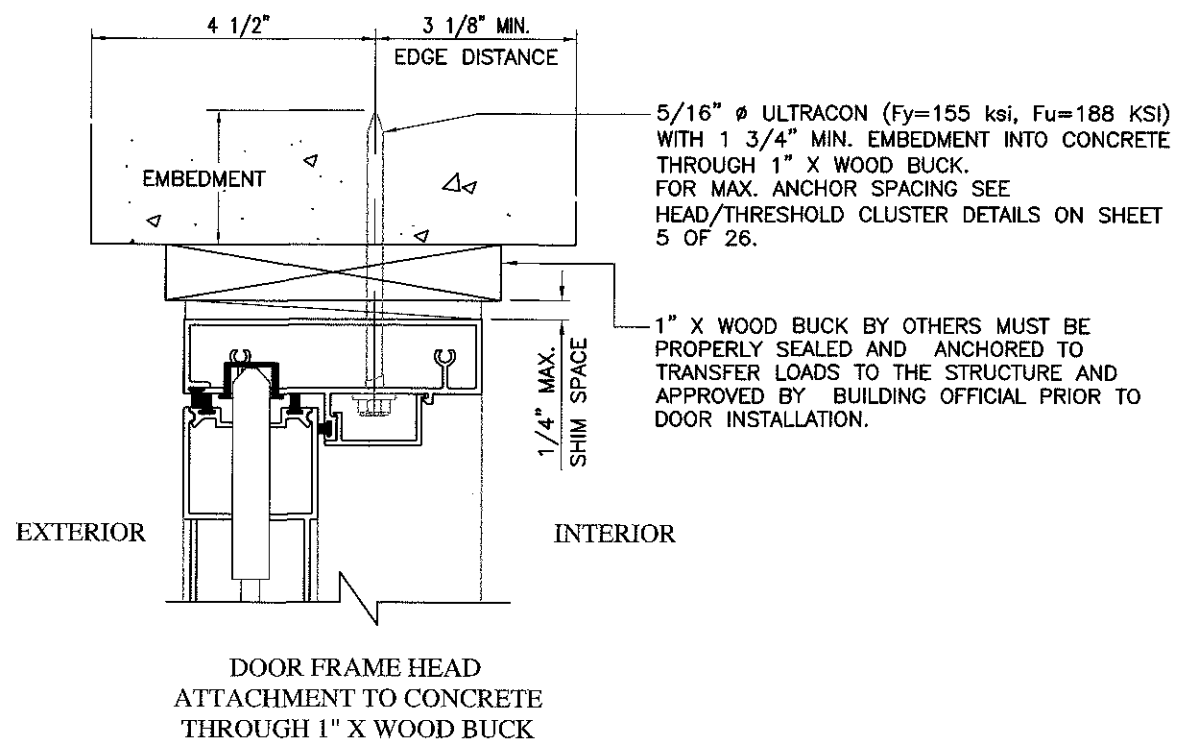


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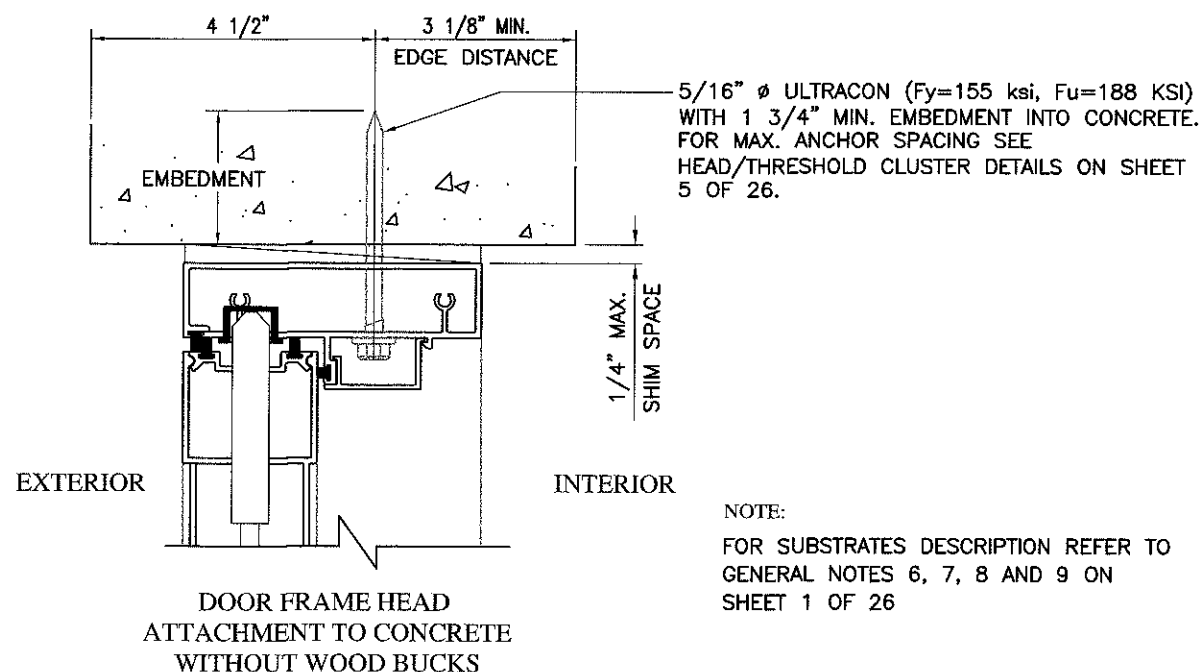
SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT

REVISION	DATE	BY

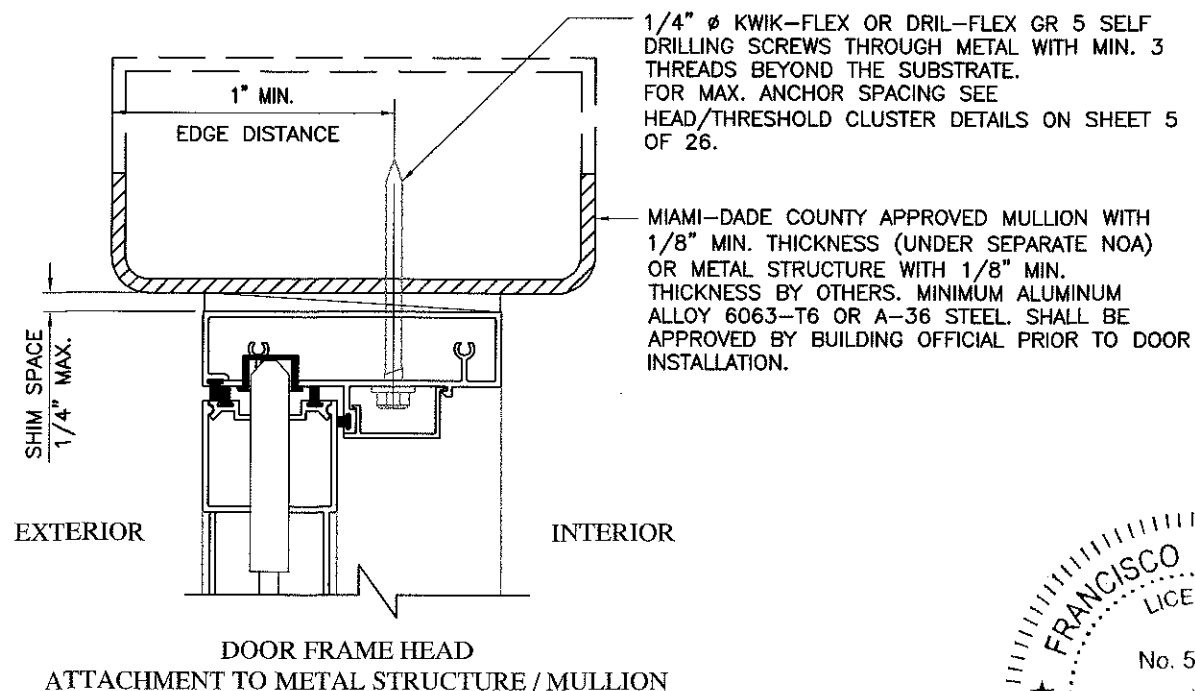
DRAWING No.
FD01-15
DATE: 05/17/16
SCALE: N.T.S.
SHEET 19 OF 26



Approved as complying with the
Florida Building Code
Date 9/1/16
NOA# 16-0929-11
Miami Dade Product Control
By [Signature]

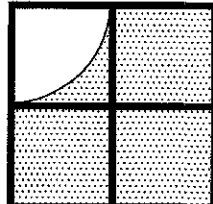


NOTE:
FOR SUBSTRATES DESCRIPTION REFER TO
GENERAL NOTES 6, 7, 8 AND 9 ON
SHEET 1 OF 26



TYPICAL SECTIONS AT DOOR FRAME HEAD
ATTACHMENT TO DIFFERENT SUBSTRATES

FRANCISCO HERNANDEZ
LICENSE
No. 51393
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
7-27-16
FRANCISCO HERNANDEZ
FLORIDA PE # 51393



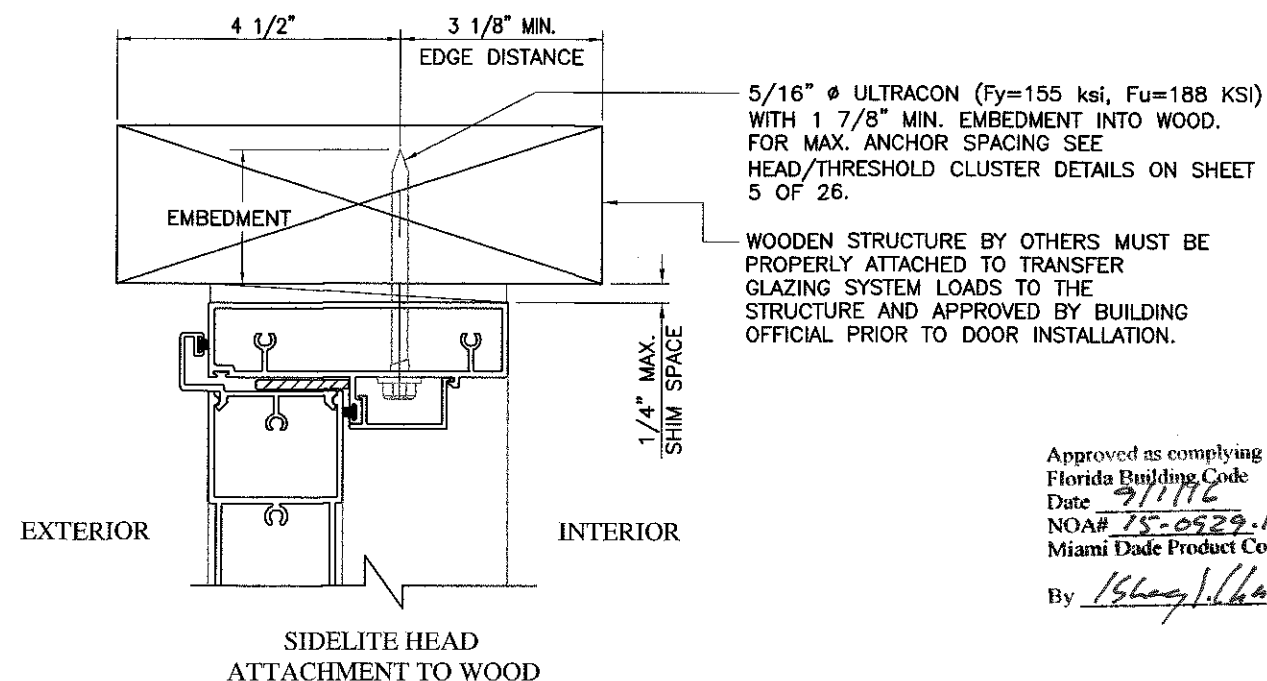
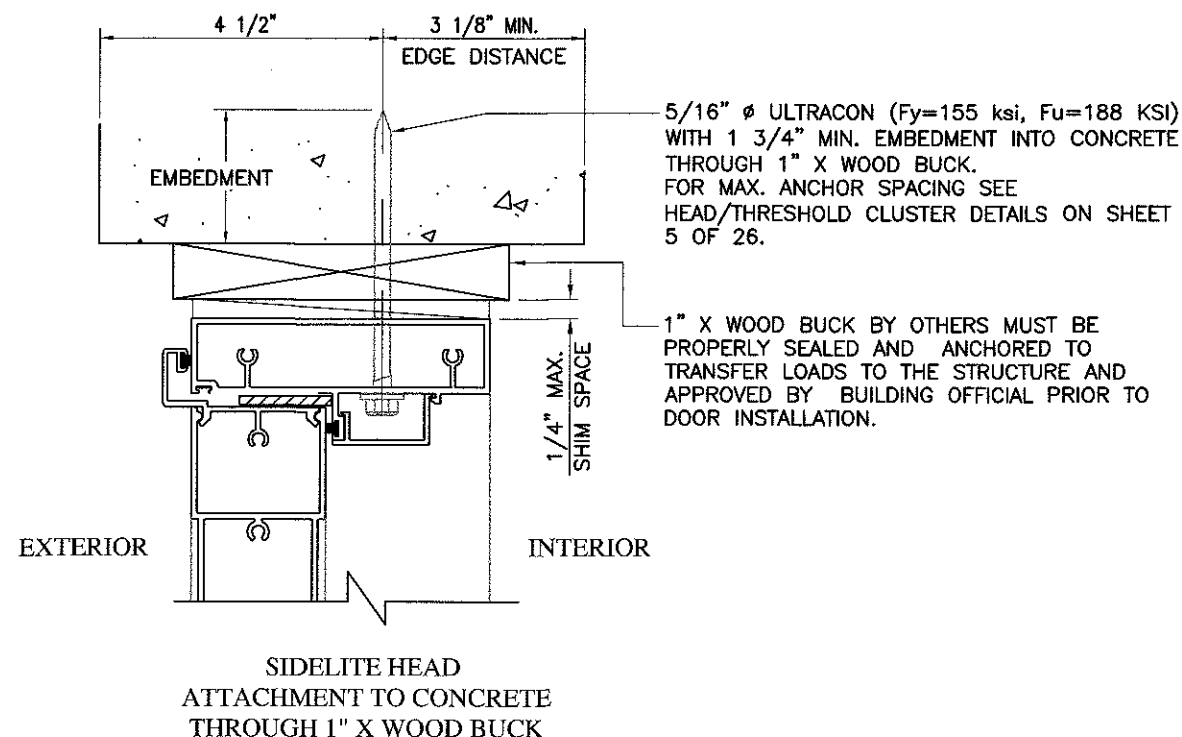
Sunshine Windows
Manufacturing, Inc.

1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)364-9952
Fax: (305)828-5118

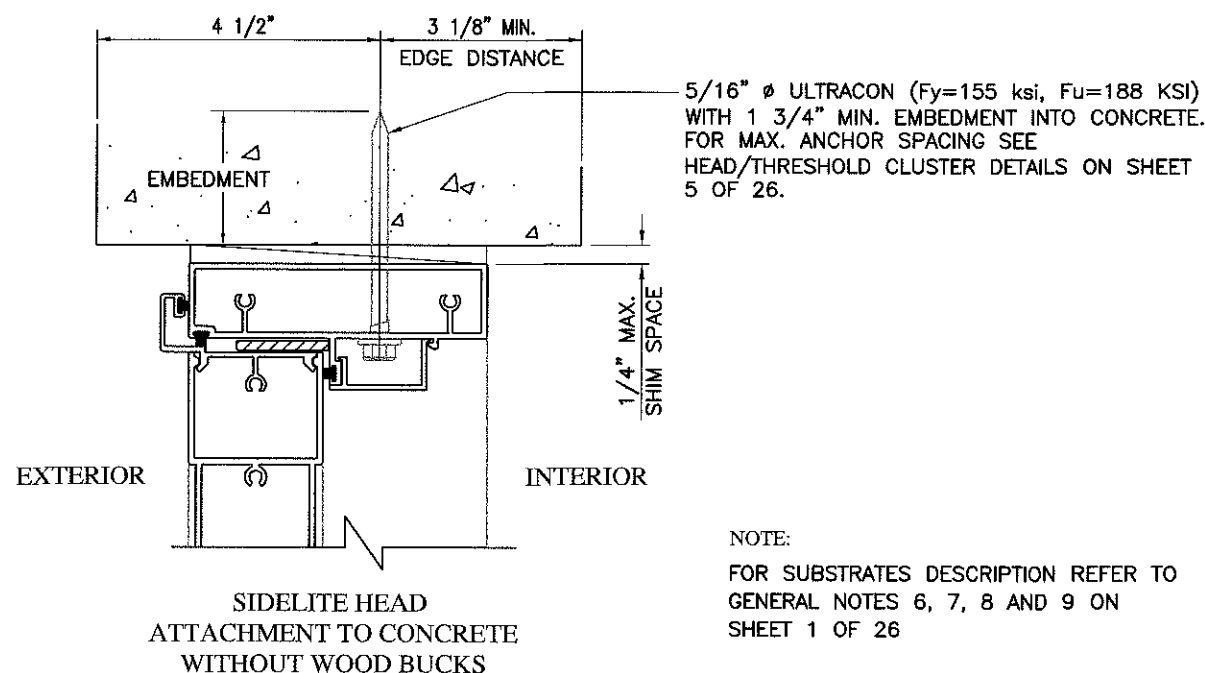
SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT

REVISION					
DATE					

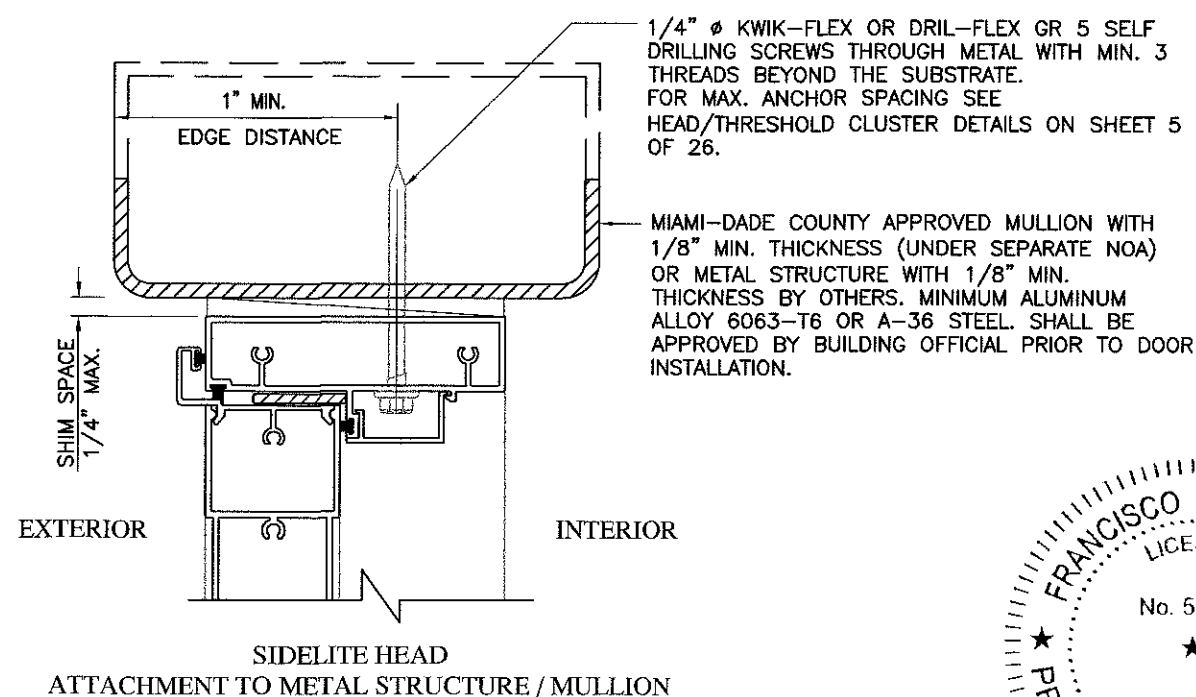
DRAWING No.
FD01-15
DATE: 09/06/15
SCALE: N.T.S.
SHEET 20 OF 26



Approved as complying with the
Florida Building Code
Date 9/1/16
NOA# 75-0929-11
Miami Dade Product Control
By 16 Aug 16 am k

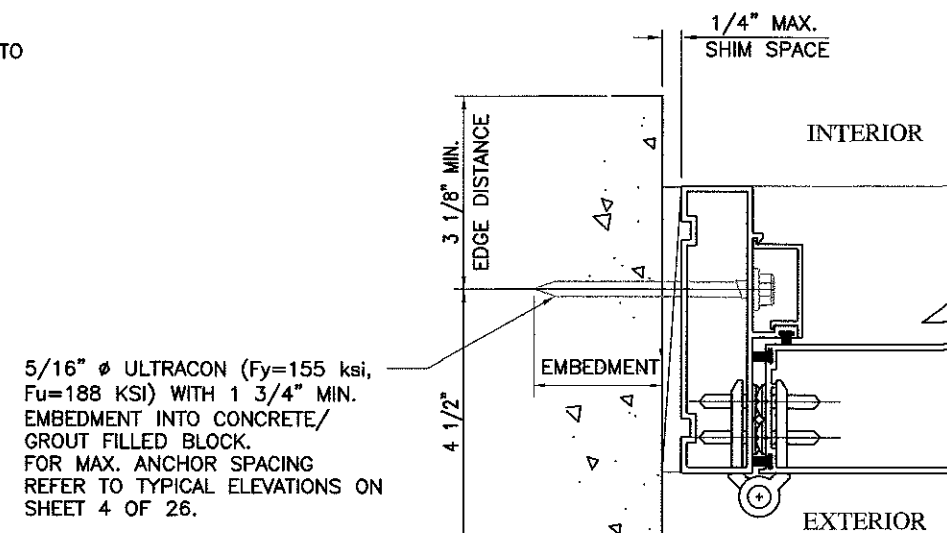
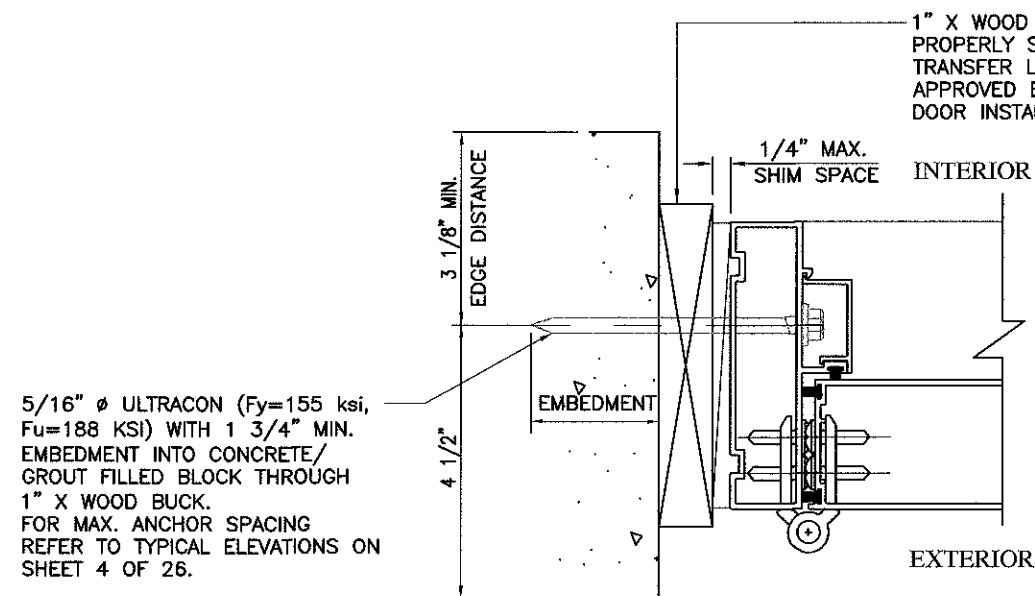


NOTE:
FOR SUBSTRATES DESCRIPTION REFER TO
GENERAL NOTES 6, 7, 8 AND 9 ON
SHEET 1 OF 26

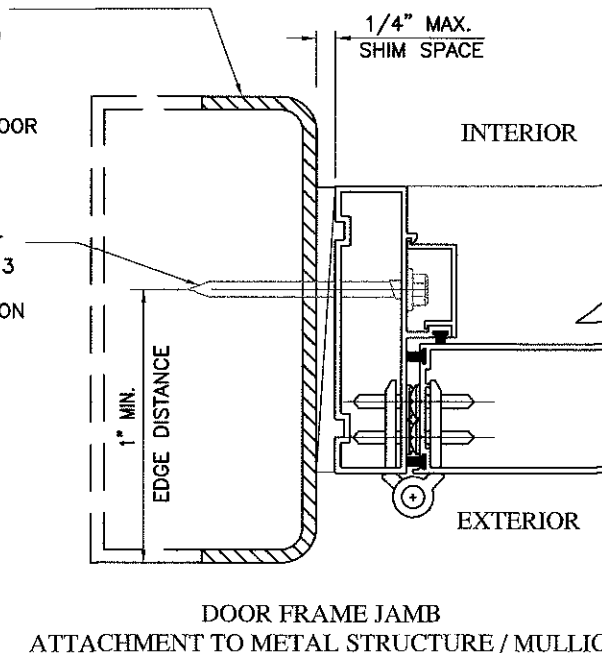
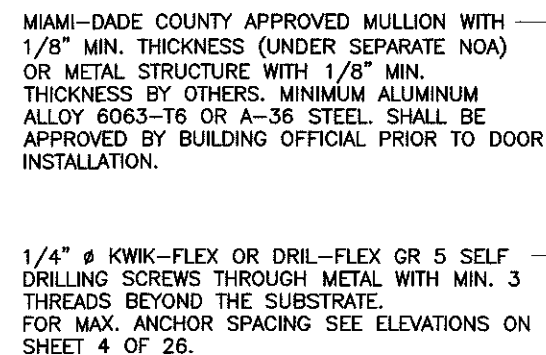
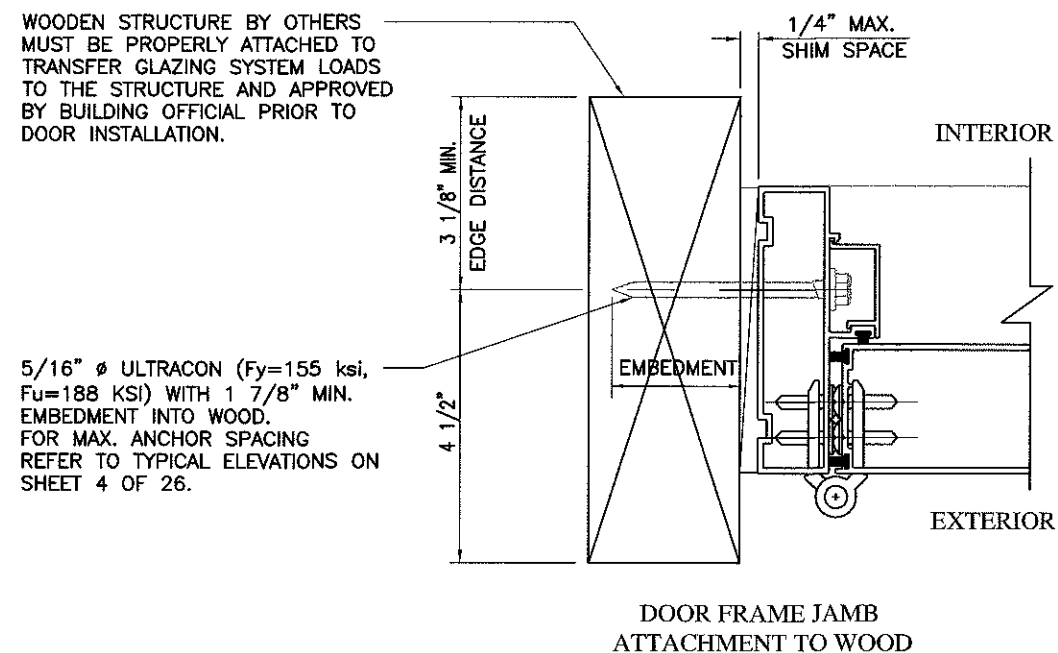


FRANCISCO HERNANDEZ
LICENSE
No. 51393
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
7-27-16
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

TYPICAL SECTIONS AT SIDELITE HEAD ATTACHMENT TO DIFFERENT SUBSTRATES



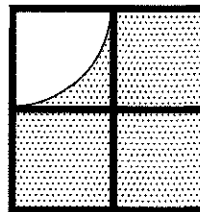
DOOR FRAME JAMB
ATTACHMENT TO CONCRETE
OR GROUT FILLED BLOCK
THROUGH 1" X WOOD BUCK



DOOR FRAME JAMB
ATTACHMENT TO METAL STRUCTURE / MULLION

NOTE:
FOR SUBSTRATES DESCRIPTION REFER TO
GENERAL NOTES 6, 7, 8 AND 9 ON
SHEET 1 OF 26

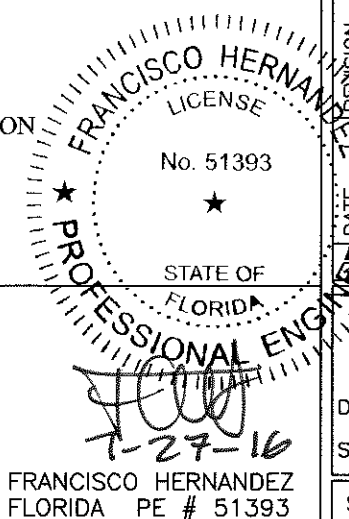
TYPICAL SECTIONS AT DOOR FRAME JAMB ATTACHMENT TO DIFFERENT SUBSTRATES



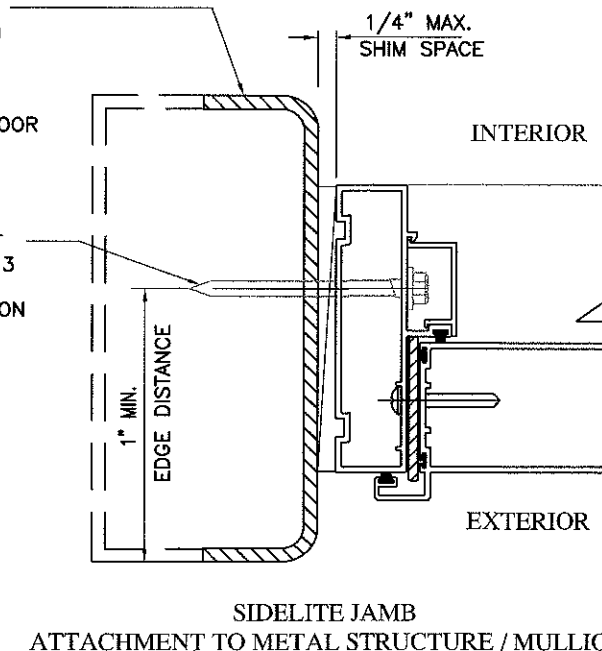
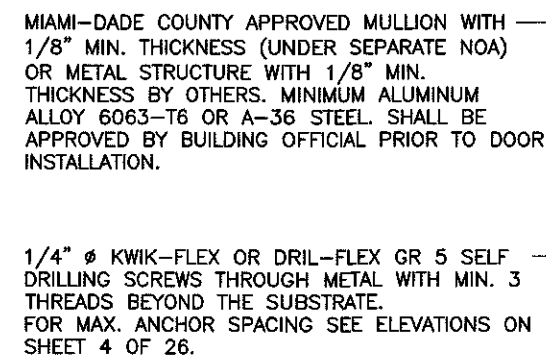
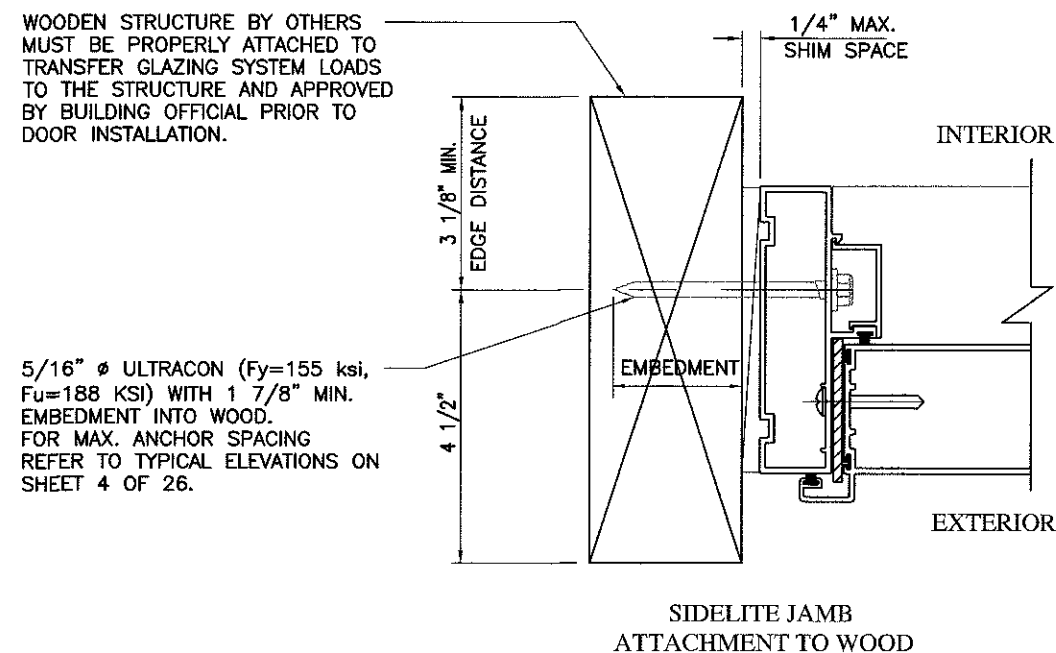
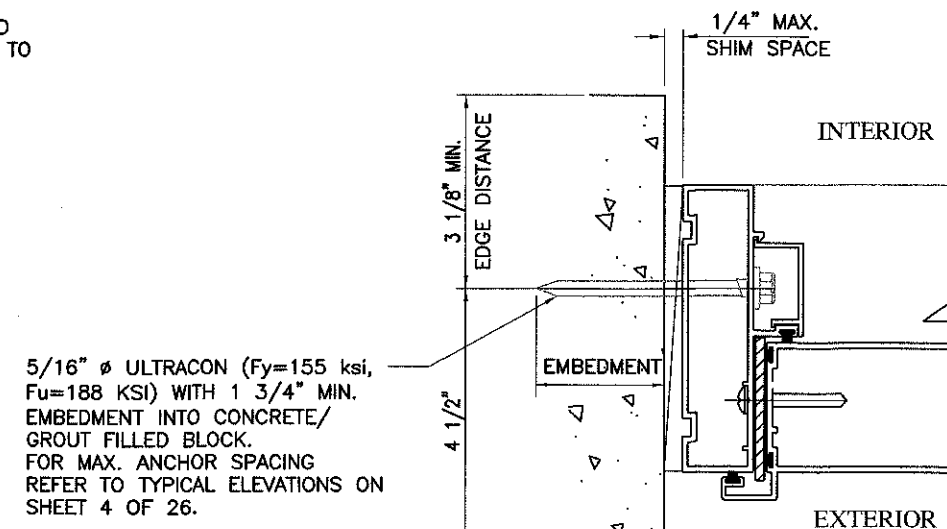
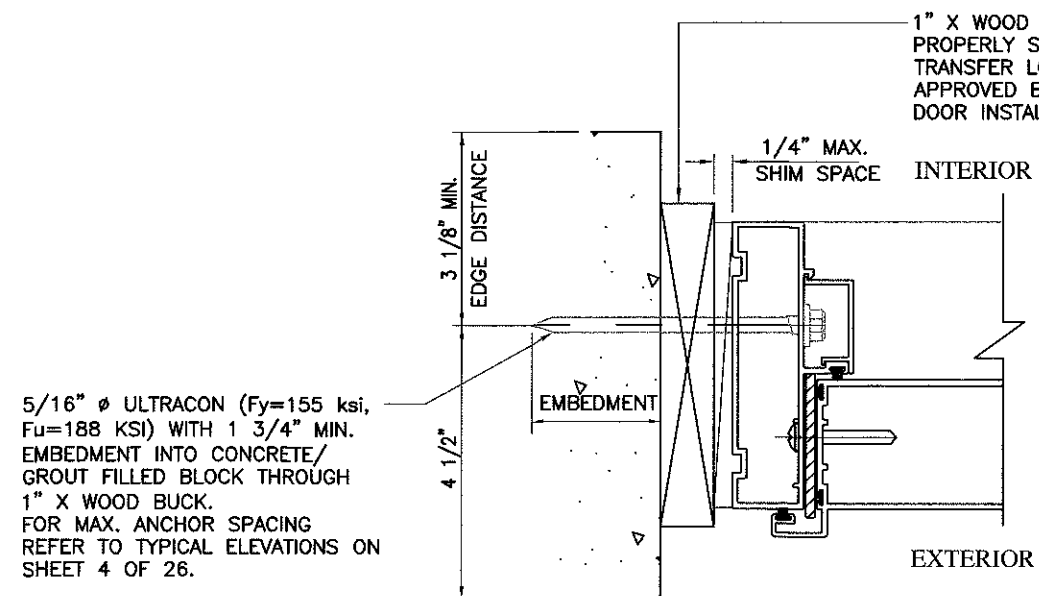
**Sunshine Windows
Manufacturing, Inc.**
1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)364-9952
Fax:(305)828-5118

**SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT**

Approved as complying with the
Florida Building Code
Date 9/1/16
NOA# 15-0929.11
Miami Dade Product Control
By Isang L. Han



DRAWING No.
FDO1-15
DATE: 09/06/15
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SHEET 21 OF 26



NOTE:
FOR SUBSTRATES DESCRIPTION REFER TO
GENERAL NOTES 6, 7, 8 AND 9 ON
SHEET 1 OF 26

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Florida Building Code
Date 9/1/16
NOA# 15-0929-11
Miami Dade Product Control
By Isaac J. Chan

**Sunshine Windows
Manufacturing, Inc.**
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Hialeah, Florida 33012
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**SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT**

TYPICAL SECTIONS AT SIDELITE JAMBS ATTACHMENT TO DIFFERENT SUBSTRATES

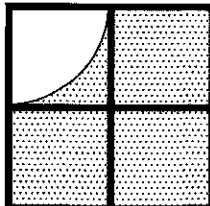
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FRANCISCO HERNANDEZ
LICENSE
No. 51393
★
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

7-27-16

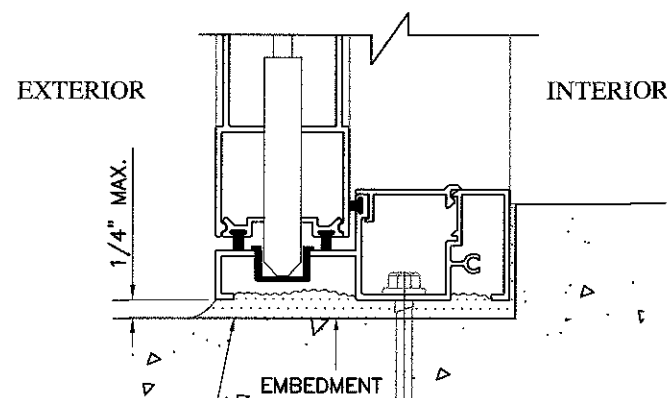
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

DRAWING No.
FDO1-15
DATE: 05/17/16
SCALE: N.T.S.
SHEET 22 OF 26



Sunshine Windows
Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, Florida 33012
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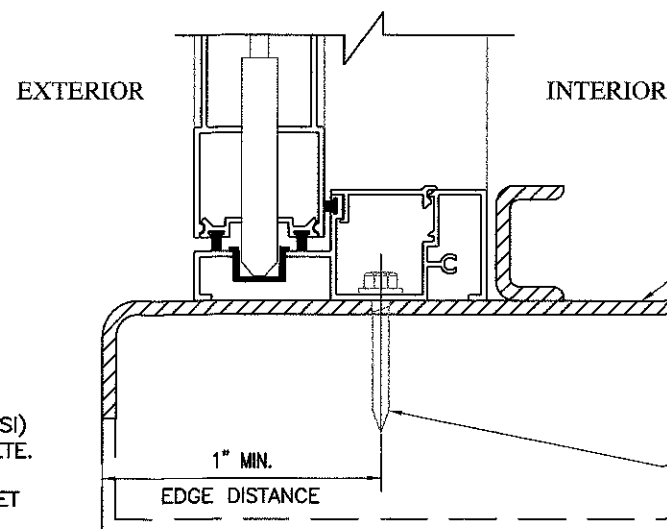
SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT



FOR 1/4" SHIM SPACE
USE NON-SHRINK, NON-METALLIC
5 KSI HYDRAULIC CEMENT
CURED AND HARDENED GROUT
CONTINUOUSLY ALONG THE
THRESHOLD.

5/16" ϕ ULTRACON (Fy=155 ksi, Fu=188 KSI)
WITH 1 3/4" MIN. EMBEDMENT INTO CONCRETE.
FOR MAX. ANCHOR SPACING SEE
HEAD/THRESHOLD CLUSTER DETAILS ON SHEET
5 OF 26.

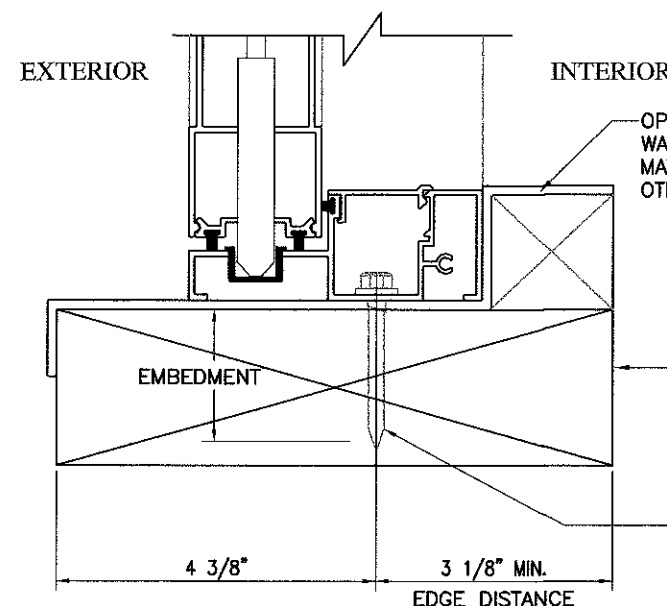
DOOR FRAME STANDARD THRESHOLD
ATTACHMENT TO CONCRETE



MIAMI-DADE COUNTY APPROVED MULLION WITH
1/8" MIN. THICKNESS (UNDER SEPARATE NOA)
OR METAL STRUCTURE WITH 1/8" MIN.
THICKNESS BY OTHERS. MINIMUM ALUMINUM
ALLOY 6063-T6 OR A-36 STEEL. SHALL BE
APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR
INSTALLATION.

1/4" ϕ KWIK-FLEX OR DRILL-FLEX GR 5 SELF
DRILLING SCREWS THROUGH METAL WITH MIN. 3
THREADS BEYOND THE SUBSTRATE.
FOR MAX. ANCHOR SPACING SEE
HEAD/THRESHOLD CLUSTER DETAILS ON SHEET 5
OF 26.

DOOR FRAME STANDARD THRESHOLD
ATTACHMENT TO METAL STRUCTURE / MULLION



OPTIONAL WATERPROOFING.
WATERPROOFING DESIGN,
MATERIAL AND INSTALLATION BY
OTHERS.

WOODEN STRUCTURE BY OTHERS MUST BE
PROPERLY ATTACHED TO TRANSFER
GLAZING SYSTEM LOADS TO THE
STRUCTURE AND APPROVED BY BUILDING
OFFICIAL PRIOR TO DOOR INSTALLATION.

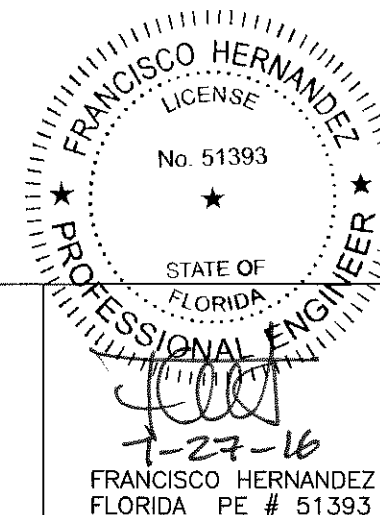
5/16" ϕ ULTRACON (Fy=155 ksi, Fu=188
KSI) WITH 1 7/8" MIN. EMBEDMENT INTO
WOOD.
FOR MAX. ANCHOR SPACING SEE
HEAD/THRESHOLD CLUSTER DETAILS ON
SHEET 5 OF 26.

DOOR FRAME STANDARD THRESHOLD
ATTACHMENT TO WOOD

NOTES:

- 1.- FOR SUBSTRATES DESCRIPTION REFER TO
GENERAL NOTES 6, 7, 8 AND 9 ON
SHEET 1 OF 26
- 2.- STANDARD THRESHOLD SHALL BE USED WHERE
WATER INFILTRATION RESISTANCE IS REQUIRED.

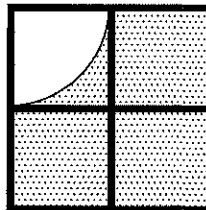
Approved as complying with the
Florida Building Code
Date 9/16/16
NOA# 15-0929-11
Miami Dade Product Control
By Isheq I. Chank



TYPICAL SECTIONS AT STANDARD DOOR THRESHOLD
ATTACHMENT TO DIFFERENT SUBSTRATES

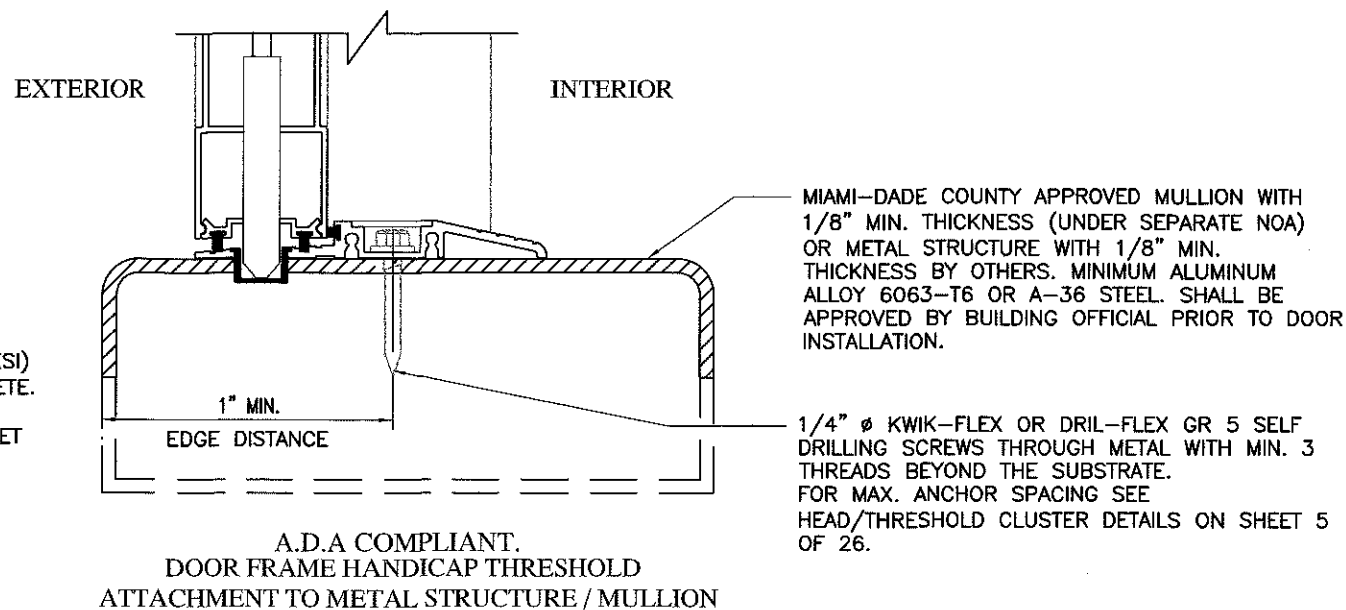
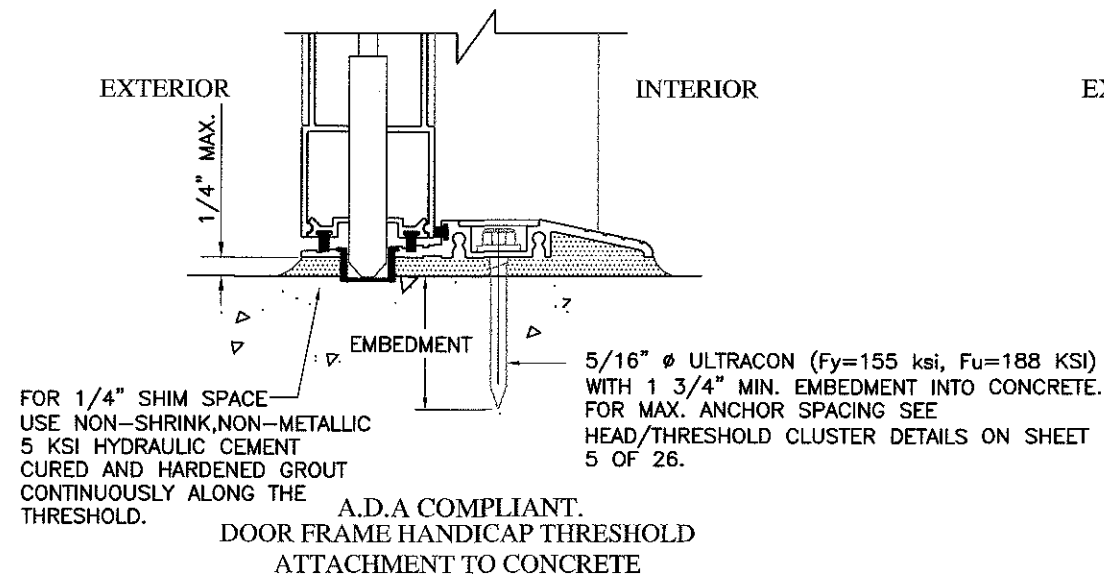
REVISION	DATE

DRAWING No.
FD01-15
DATE: 05/17/16
SCALE: N.T.S.
SHEET 23 OF 26



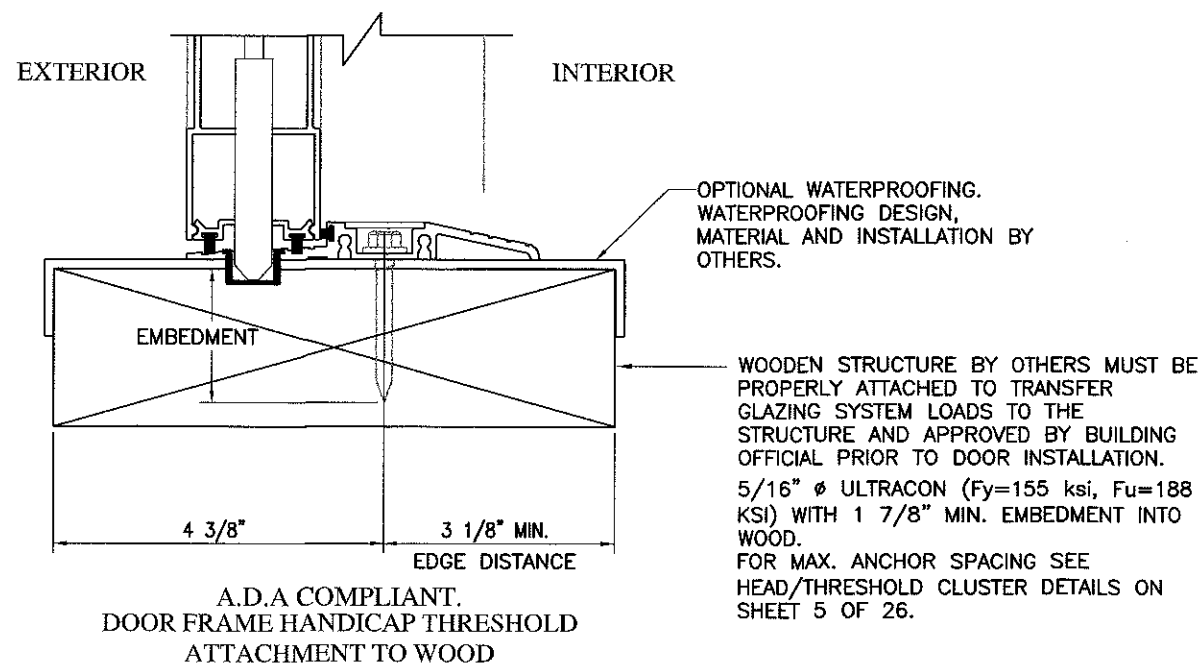
Sunshine Windows
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1745 W. 33rd Place
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SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT



Approved as complying with the
Florida Building Code
Date 9/1/16
NOA# 15-0929.11
Miami Dade Product Control
By *Isaac L. Chaudhary*

NOTE:
1.- FOR SUBSTRATES DESCRIPTION REFER TO
GENERAL NOTES 6, 7, 8 AND 9 ON
SHEET 1 OF 26

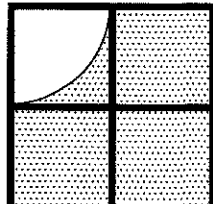


HANDICAP THRESHOLD SHALL NOT BE USED WHERE
WATER INFILTRATION RESISTANCE IS REQUIRED.

TYPICAL SECTIONS AT HANDICAP THRESHOLD ATTACHMENT TO DIFFERENT SUBSTRATES

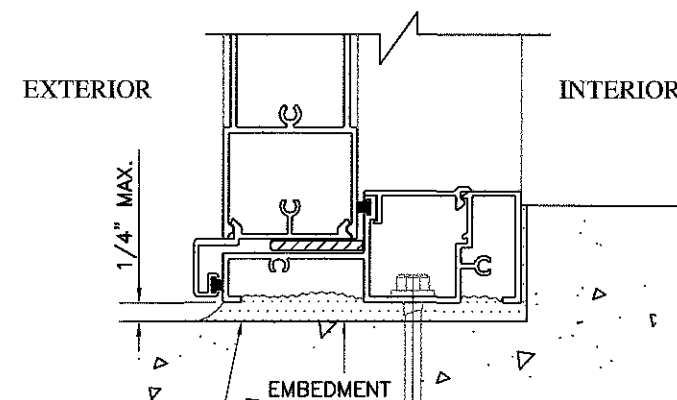
FRANCISCO HERNANDEZ
LICENSE
No. 51393
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
7-27-16
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

REVISION
DATE
DRAWING No.
FD01-15
DATE: 05/17/16
SCALE: N.T.S.
SHEET 24 OF 26



Sunshine Windows
Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, Florida 33012
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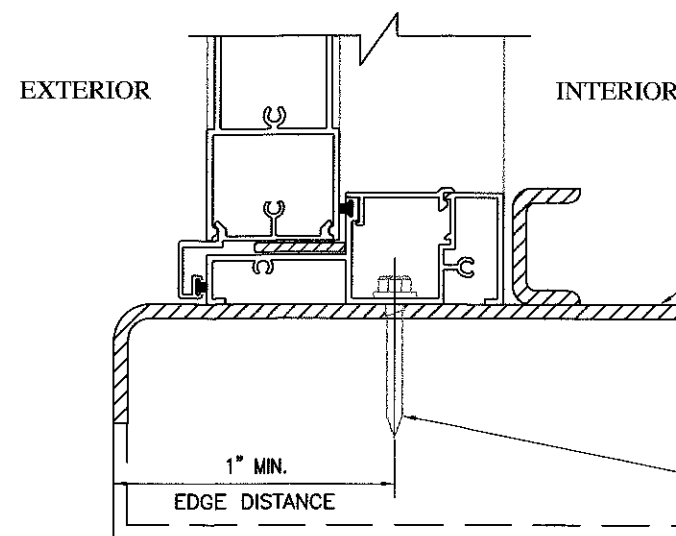
SERIES 2011 ALUMINUM
FRENCH DOOR WITH SIDELITES
LARGE MISSILE IMPACT RESISTANT



FOR 1/4" SHIM SPACE
USE NON-SHRINK, NON-METALLIC
5 KSI HYDRAULIC CEMENT
CURED AND HARDENED GROUT
CONTINUOUSLY ALONG THE
THRESHOLD.

5/16" ϕ ULTRACON (Fy=155 ksi, Fu=188
KSI) WITH 1 3/4" MIN. EMBEDMENT INTO
CONCRETE.
FOR MAX. ANCHOR SPACING SEE
HEAD/THRESHOLD CLUSTER DETAILS ON
SHEET 5 OF 26.

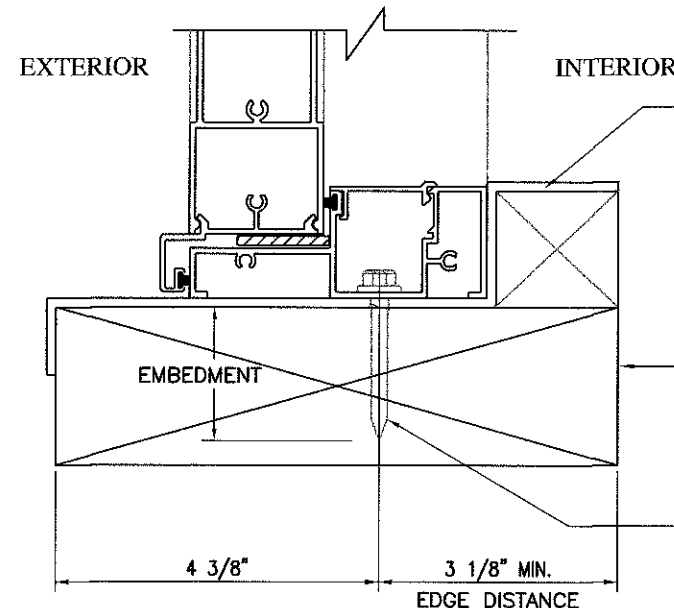
SIDELITE SILL
ATTACHMENT TO CONCRETE



MIAMI-DADE COUNTY APPROVED MULLION WITH
1/8" MIN. THICKNESS (UNDER SEPARATE NOA)
OR METAL STRUCTURE WITH 1/8" MIN.
THICKNESS BY OTHERS. MINIMUM ALUMINUM
ALLOY 6063-T6 OR A-36 STEEL. SHALL BE
APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR
INSTALLATION.

1/4" ϕ KWIK-FLEX OR DRIL-FLEX GR 5 SELF
DRILLING SCREWS THROUGH METAL WITH MIN. 3
THREADS BEYOND THE SUBSTRATE.
FOR MAX. ANCHOR SPACING SEE
HEAD/THRESHOLD CLUSTER DETAILS ON SHEET 5
OF 26.

SIDELITE SILL
ATTACHMENT TO METAL STRUCTURE / MULLION



OPTIONAL WATERPROOFING.
WATERPROOFING DESIGN,
MATERIAL AND INSTALLATION BY
OTHERS.

WOODEN STRUCTURE BY OTHERS MUST BE
PROPERLY ATTACHED TO TRANSFER
GLAZING SYSTEM LOADS TO THE
STRUCTURE AND APPROVED BY BUILDING
OFFICIAL PRIOR TO DOOR INSTALLATION.

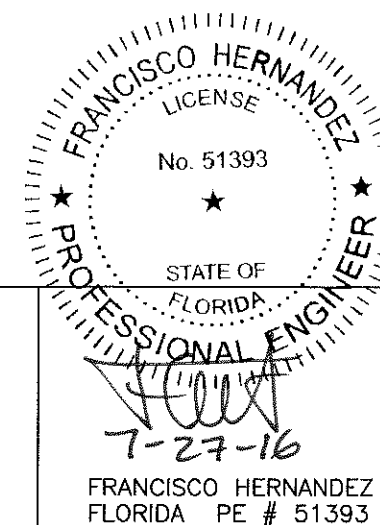
5/16" ϕ ULTRACON (Fy=155 ksi, Fu=188
KSI) WITH 1 7/8" MIN. EMBEDMENT INTO
WOOD.
FOR MAX. ANCHOR SPACING SEE
HEAD/THRESHOLD CLUSTER DETAILS ON
SHEET 5 OF 26.

SIDELITE SILL
ATTACHMENT TO WOOD

NOTE:

FOR SUBSTRATES DESCRIPTION REFER TO
GENERAL NOTES 6, 7, 8 AND 9 ON
SHEET 1 OF 26

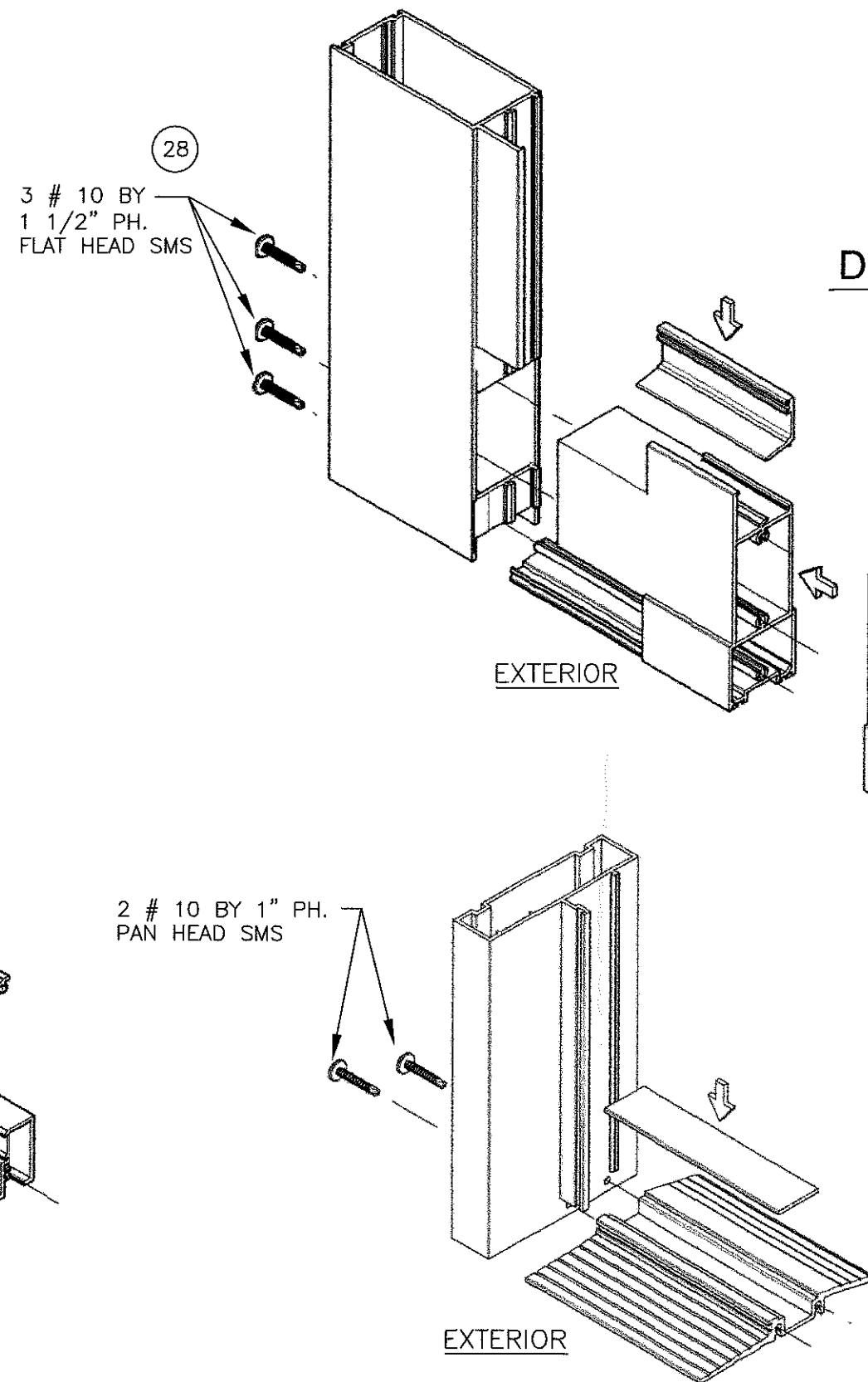
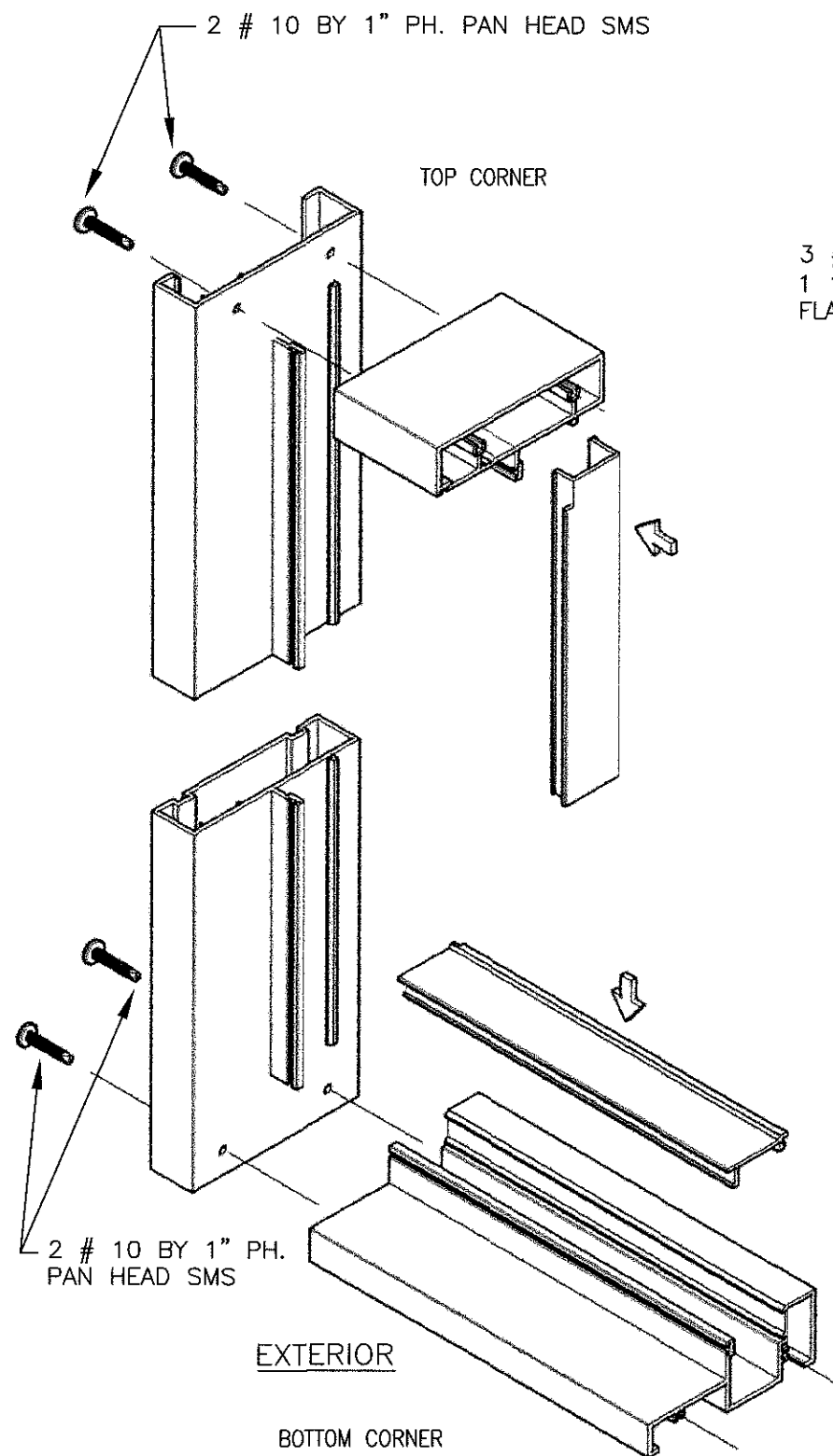
Approved as complying with the
Florida Building Code
Date 9/1/16
NOA# 15-0929.11
Miami Dade Product Control
By Ishag I. Gharib



TYPICAL SECTIONS AT SIDELITE SILL ATTACHMENT TO DIFFERENT SUBSTRATES

REVISION	DATE	NO.

DRAWING No.
FD01-15
DATE: 05/17/16
SCALE: N.T.S.
SHEET 25 OF 26



Approved as complying with the
Florida Building Code
Date SEP 01, 2016
NOA# 15-0929.11
Miami Dade Product Control

